

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
2				*****
3	*			
4	*Testcase IEEE SUBTRACT			
5	* Test case capability includes IEEE exceptions trappable and			
6	* otherwise. Test results, FPCR flags, the Condition code, and any			
7	* DXC are saved for all tests.			
8	*			
9	*			
10	*			*****
11	*			** IMPORTANT! **
12	*			*****
13	*			
14	* This test uses the Hercules Diagnose X'008' interface			
15	* to display messages and thus your .tst runtest script			
16	* MUST contain a "DIAG8CMD ENABLE" statement within it!			
17	*			
18	*			
19	*****			
21	*****			
22	*			
23	*			bfp-018-subtract.asm
24	*			
25	* This assembly-language source file is part of the			
26	* Hercules Binary Floating Point Validation Package			
27	* by Stephen R. Orso			
28	*			
29	* Copyright 2016 by Stephen R Orso.			
30	* Runttest *Compare dependency removed by Fish on 2022-08-16			
31	* PADCSECT macro/usage removed by Fish on 2022-08-16			
32	*			
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LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				57 * OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT 58 * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE 59 * OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. 60 * 61 *****
				63 ***** 64 * 65 * Tests the following three conversion instructions 66 * SUBTRACT (short BFP, RRE) 67 * SUBTRACT (long BFP, RRE) 68 * SUBTRACT (extended BFP, RRE) 69 * SUBTRACT (short BFP, RXE) 70 * SUBTRACT (long BFP, RXE) 71 * 72 * Test data is compiled into this program. The test script that runs 73 * this program can provide alternative test data through Hercules R 74 * commands. 75 * 76 * Test Case Order 77 * 1) Short BFP basic tests, including traps and NaN propagation 78 * 2) Short BFP finite number tests, incl. traps and scaling 79 * 3) Short BFP FPC-controlled rounding mode exhaustive tests 80 * 4) Long BFP basic tests, including traps and NaN propagation 81 * 5) Long BFP finite number tests, incl. traps and scaling 82 * 6) Long BFP FPC-controlled rounding mode exhaustive tests 83 * 7) Extended BFP basic tests, including traps and NaN propagation 84 * 8) Extended BFP finite number tests, incl. traps and scaling 85 * 9) Extended BFP FPC-controlled rounding mode exhaustive tests 86 * 87 * Three input test sets are provided each for short, long, and 88 * extended BFP inputs. Test values are the same for each precision 89 * for most tests. Overflow and underflow each require precision- 90 * dependent test values. 91 * 92 * Also tests the following floating point support instructions 93 * LOAD (Short) 94 * LOAD (Long) 95 * LFPC (Load Floating Point Control Register) 96 * SRNMB (Set BFP Rounding Mode 3-bit) 97 * STORE (Short) 98 * STORE (Long) 99 * STFPC (Store Floating Point Control Register) 100 * 101 *****

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				103 *
				104 * Note: for compatibility with the z/CMS test rig, do not change
				105 * or use R11, R14, or R15. Everything else is fair game.
				106 *
00000000	0001B213	107	BFP SUBTR	START 0
00000000	00000001	108	STR TLBL	EQU *
00000000	00000001	109	R0	EQU 0
00000001	00000001	110	R1	EQU 1
00000002	00000001	111	R2	EQU 2
00000003	00000001	112	R3	EQU 3
00000004	00000001	113	R4	EQU 4
00000005	00000001	114	R5	EQU 5
00000006	00000001	115	R6	EQU 6
00000007	00000001	116	R7	EQU 7
00000008	00000001	117	R8	EQU 8
00000009	00000001	118	R9	EQU 9
0000000A	00000001	119	R10	EQU 10
0000000B	00000001	120	R11	EQU 11
0000000C	00000001	121	R12	EQU 12
0000000D	00000001	122	R13	EQU 13
0000000E	00000001	123	R14	EQU 14
0000000F	00000001	124	R15	EQU 15
		125	*	
		126	*	Floating Point Register equates to keep the cross reference clean
		127	*	
00000000	00000001	128	FPR0	EQU 0
00000001	00000001	129	FPR1	EQU 1
00000002	00000001	130	FPR2	EQU 2
00000003	00000001	131	FPR3	EQU 3
00000004	00000001	132	FPR4	EQU 4
00000005	00000001	133	FPR5	EQU 5
00000006	00000001	134	FPR6	EQU 6
00000007	00000001	135	FPR7	EQU 7
00000008	00000001	136	FPR8	EQU 8
00000009	00000001	137	FPR9	EQU 9
0000000A	00000001	138	FPR10	EQU 10
0000000B	00000001	139	FPR11	EQU 11
0000000C	00000001	140	FPR12	EQU 12
0000000D	00000001	141	FPR13	EQU 13
0000000E	00000001	142	FPR14	EQU 14
0000000F	00000001	143	FPR15	EQU 15

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
00000000		00000000		145 USING *,R15		
00000000		0001AE00		146 USING HELPERS,R12		
				147 *		
				148 * Above works on real iron (R15=0 after sysclear)		
				149 * and in z/CMS (R15 points to start of load module)		
				150 *		
				152 ****		
				153 *		
				154 * Low core definitions, Restart PSW, and Program Check Routine.		
				155 *		
				156 ****		
00000000		00000000	0000008E	158 ORG STRTBL+X'8E'	Program check interruption code	
0000008E	0000			159 PCINTCD DS H		
				160 *		
		00000150	00000001	161 PCOLDPSW EQU STRTBL+X'150'	z/Arch Program check old PSW	
				162 *		
00000090		00000090	000001A0	163 ORG STRTBL+X'1A0'	z/Arch Restart PSW	
000001A0	00000001 80000000			164 DC X'0000000180000000',AD(START)		
				165 *		
000001B0		000001B0	000001D0	166 ORG STRTBL+X'1D0'	z/Arch Program check NEW PSW	
000001D0	00000000 00000000			167 DC X'0000000000000000',AD(PROGCHK)		
				168 *		
				169 * Program check routine. If Data Exception, continue execution at		
				170 * the instruction following the program check. Otherwise, hard wait.		
				171 * No need to collect data. All interesting DXC stuff is captured		
				172 * in the FPCR.		
				173 *		
000001E0		000001E0	00000200	174 ORG STRTBL+X'200'		
00000200				175 PROGCHK DS 0H	Program check occurred...	
00000200	9507 F08F		0000008F	176 CLI PCINTCD+1,X'07'	Data Exception?	
00000204	A774 0004		0000020C	177 JNE PCNOTDTA	..no, hardwait (not sure if R15 is ok)	
00000208	B2B2 F150		00000150	178 LPSWE PCOLDPSW	..yes, resume program execution	
0000020C	900F F23C		0000023C	180 PCNOTDTA STM R0,R15,SAVEREGS	Save registers	
00000210	58C0 F27C		0000027C	181 L R12,AHELPERS	Get address of helper subroutines	
00000214	4DD0 C000		0001AE00	182 BAS R13,PGMCK	Report this unexpected program check	
00000218	980F F23C		0000023C	183 LM R0,R15,SAVEREGS	Restore registers	
0000021C	12EE			185 LTR R14,R14	Return address provided?	
0000021E	077E			186 BNZR R14	Yes, return to z/CMS test rig.	
00000220	B2B2 F228		00000228	187 LPSWE PROGPSW	Not data exception, enter disabled wait	
00000228	00020000 00000000			188 PROGPSW DC 0D'0',X'0002000000000000',XL6'00',X'DEAD'	Abnormal end	
00000238	B2B2 F2F8		000002F8	189 FAIL LPSWE FAILPSW	Not data exception, enter disabled wait	
0000023C	00000000 00000000			190 SAVEREGS DC 16F'0'	Registers save area	
0000027C	0001AE00			191 AHELPERS DC A(HELPERS)	Address of helper subroutines	

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				193 ****	*****	*****	
				194 *			
				195 * Main program. Enable Advanced Floating Point, process test cases.			
				196 *			
				197 *****	*****	*****	
00000280				199 START	DS 0H		
00000280	B600 F308	00000308	200	STCTL R0,R0,CTRLR0	Store CR0 to enable AFP		
00000284	9604 F309	00000309	201	OI CTRLR0+1,X'04'	Turn on AFP bit		
00000288	B700 F308	00000308	202	LCTL R0,R0,CTRLR0	Reload updated CR0		
			203 *				
0000028C	41A0 F314	00000314	204	LA R10,SHORTNF	Point to short BFP non-finite inputs		
00000290	4DD0 F3A4	000003A4	205	BAS R13,SBFPNF	Subtract short BFP non-finites		
00000294	41A0 F324	00000324	206	LA R10,SHORTF	Point to short BFP finite inputs		
00000298	4DD0 F45E	0000045E	207	BAS R13,SBFPF	Subtract short BFP finites		
0000029C	41A0 F334	00000334	208	LA R10,RMSHORTS	Point to short BFP rounding mode tests		
000002A0	4DD0 F504	00000504	209	BAS R13,SBFPRM	Subtract short BFP for rounding tests		
			210 *				
000002A4	41A0 F344	00000344	211	LA R10,LONGNF	Point to long BFP non-finite inputs		
000002A8	4DD0 F586	00000586	212	BAS R13,LBFPNF	Subtract long BFP non-finites		
000002AC	41A0 F354	00000354	213	LA R10,LONGF	Point to long BFP finite inputs		
000002B0	4DD0 F63C	0000063C	214	BAS R13,LBFPF	Subtract long BFP finites		
000002B4	41A0 F364	00000364	215	LA R10,RMLONGS	Point to long BFP rounding mode tests		
000002B8	4DD0 F6E2	000006E2	216	BAS R13,LBFPRM	Subtract long BFP for rounding tests		
			217 *				
000002BC	41A0 F374	00000374	218	LA R10,XTNDNF	Point to extended BFP non-finite inputs		
000002C0	4DD0 F760	00000760	219	BAS R13,XBFPNF	Subtract extended BFP non-finites		
000002C4	41A0 F384	00000384	220	LA R10,XTNDF	Point to ext'd BFP finite inputs		
000002C8	4DD0 F7EA	000007EA	221	BAS R13,XBFPF	Subtract ext'd BFP finites		
000002CC	41A0 F394	00000394	222	LA R10,RMXTNDS	Point to ext'd BFP rounding mode tests		
000002D0	4DD0 F860	00000860	223	BAS R13,XBFPRM	Subtract ext'd BFP for rounding tests		
			224 *				
			225 ****	*****	*****	*****	
			226 *	Verify test results...			
			227 ****	*****	*****	*****	
			228 *				
000002D4	58C0 F27C	0000027C	229	L R12,AHELPERS	Get address of helper subroutines		
000002D8	4DD0 C0A0	0001AEA0	230	BAS R13,VERISUB	Go verify results		
000002DC	12EE		231	LTR R14,R14	Was return address provided?		
000002DE	077E		232	BNZR R14	Yes, return to z/CMS test rig.		
000002E0	B2B2 F2E8	000002E8	233	LPSWE GOODPSW	Load SUCCESS PSW		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
000002E8				235 DS 0D	Ensure correct alignment for PSW	
000002E8	00020000 00000000			236 GOODPSW DC X'0002000000000000'	,AD(0) Normal end - disabled wait	
000002F8	00020000 00000000			237 FAILPSW DC X'0002000000000000'	,XL6'00',X'0BAD' Abnormal end	
				238 *		
00000308	00000000			239 CTLR0 DS F		
0000030C	00000000			240 FPCREGNT DC X'00000000'	FPCR, trap all IEEE exceptions, zero flags	
00000310	F8000000			241 FPCREGTR DC X'F8000000'	FPCR, trap no IEEE exceptions, zero flags	
				242 *		
				243 * Input values parameter list, four fullwords for each test data set		
				244 * 1) Count,		
				245 * 2) Address of inputs,		
				246 * 3) Address to place results, and		
				247 * 4) Address to place DXC/Flags/cc values.		
				248 *		
00000314				249 SHORTNF DS 0F	Input pairs for short BFP non-finite tests	
00000314	0000000A			250 DC A(SBFPNFCT)		
00000318	000008CC			251 DC A(SBFPNFIN)		
0000031C	00001000			252 DC A(SBFPNFOT)		
00000320	00001700			253 DC A(SBFPNFFL)		
				254 *		
00000324				255 SHORTF DS 0F	Input pairs for short BFP finite tests	
00000324	00000006			256 DC A(SBFPCT)		
00000328	000008F4			257 DC A(SBFPIN)		
0000032C	00001E00			258 DC A(SBFPOUT)		
00000330	00001F00			259 DC A(SBFPLGS)		
				260 *		
00000334				261 RMSHORTS DS 0F	Input pairs for short BFP rounding testing	
00000334	00000008			262 DC A(SBFPRMCT)		
00000338	00000924			263 DC A(SBFPINRM)		
0000033C	00002000			264 DC A(SBFPRMO)		
00000340	00002300			265 DC A(SBFPRMOP)		
				266 *		
00000344				267 LONGNF DS 0F	Input pairs for long BFP non-finite testing	
00000344	0000000A			268 DC A(LBFPNFCT)		
00000348	00000964			269 DC A(LBFPNFIN)		
0000034C	00004000			270 DC A(LBFPNFOT)		
00000350	00004D00			271 DC A(LBFPNFFL)		
				272 *		
00000354				273 LONGF DS 0F	Input pairs for long BFP finite testing	
00000354	00000006			274 DC A(LBFPCT)		
00000358	000009B8			275 DC A(LBFPIN)		
0000035C	00005400			276 DC A(LBFPOUT)		
00000360	00005600			277 DC A(LBFPFLGS)		
				278 *		
00000364				279 RMLONGS DS 0F	Input pairs for long BFP rounding testing	
00000364	00000008			280 DC A(LBFPRMCT)		
00000368	00000A18			281 DC A(LBFPINRM)		
0000036C	00005700			282 DC A(LBFPROMO)		
00000370	00005C00			283 DC A(LBFPROMOF)		
				284 *		
00000374				285 XTNDNF DS 0F	Inputs for ext'd BFP non-finite testing	
00000374	0000000A			286 DC A(XBFPNFCT)		
00000378	00000A98			287 DC A(XBFPNFIN)		
0000037C	00008000			288 DC A(XBFPNFOT)		
00000380	00008D00			289 DC A(XBFPNFFL)		
				290 *		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
00000384				291 XTNDNF DS 0F	Inputs for ext'd BFP finite testing	
00000384	00000006			292 DC A(XBFPCT)		
00000388	00000B38			293 DC A(XBFPIN)		
0000038C	00009400			294 DC A(XBFPOUT)		
00000390	00009600			295 DC A(XBFPFLGS)		
				296 *		
00000394				297 RMXTNDS DS 0F	Inputs for ext'd BFP non-finite testing	
00000394	00000008			298 DC A(XBFPRMCT)		
00000398	00000BF8			299 DC A(XBFPINRM)		
0000039C	00009700			300 DC A(XBFPRMO)		
000003A0	00009C00			301 DC A(XBFPRMOF)		
				302 *		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
				304 ****		
				305 *		
				306 * Perform Subtract using provided short BFP inputs. This set of tests		
				307 * checks NaN propagation, operations on values that are not finite		
				308 * numbers, and other basic tests. This set generates results that can		
				309 * be validated against Figure 19-13 on page 19-16 of SA22-7832-10.		
				310 *		
				311 * That Figure has separate rows and columns for Normal and Tiny		
				312 * operands. Although the results are effectively the same for Normal		
				313 * and Tiny in any combination, the input data includes Normal and		
				314 * Tiny values.		
				315 *		
				316 * Four results are generated for each input: one RRE with all		
				317 * exceptions non-trappable, a second RRE with all exceptions trappable,		
				318 * a third RXE with all exceptions non-trappable, a fourth RXE with all		
				319 * exceptions trappable,		
				320 *		
				321 * The difference, FPCR, and condition code are stored for each result.		
				322 *		
				323 ****		
000003A4				325 SBFPNF DS 0H	BFP Short non-finite values tests	
000003A4	9823 A000	00000000		326 LM R2,R3,0(R10)	Get count and address of minuend values	
000003A8	9878 A008	00000008		327 LM R7,R8,8(R10)	Get address of result area and flag area.	
000003AC	1222			328 LTR R2,R2	Any test cases?	
000003AE	078D			329 BZR R13	..No, return to caller	
000003B0	0DC0			330 BASR R12,0	Set top of loop	
				331 *		
000003B2	9845 A000	00000000		332 LM R4,R5,0(R10)	Get count and start of subtrahend values	
				333 *	..which are the same as the minuends	
000003B6	0D60			334 BASR R6,0	Set top of inner loop	
				335 *		
000003B8	7880 3000	00000000		336 LE FPR8,0(,R3)	Get short BFP minuend	
000003BC	7810 5000	00000000		337 LE FPR1,0(,R5)	Get short BFP subtrahend	
000003C0	B29D F30C	0000030C		338 LFPC FPCREGNT	Set exceptions non-trappable	
000003C4	B30B 0081			339 SEBR FPR8,FPR1	Subtract short FPR1 from FPR8 RRE	
000003C8	7080 7000	00000000		340 STE FPR8,0(,R7)	Store short BFP difference	
000003CC	B29C 8000	00000000		341 STFPC 0(R8)	Store resulting FPCR flags and DXC	
000003D0	B222 0000			342 IPM R0	Get condition code and program mask	
000003D4	8800 001C	0000001C		343 SRL R0,28	Isolate CC in low order byte	
000003D8	4200 8003	00000003		344 STC R0,3(,R8)	Save condition code in results table	
				345 *		
000003DC	7880 3000	00000000		346 LE FPR8,0(,R3)	Get short BFP minuend	
000003E0	7810 5000	00000000		347 LE FPR1,0(,R5)	Get short BFP subtrahend	
000003E4	B29D F310	00000310		348 LFPC FPCREGTR	Set exceptions trappable	
000003E8	B30B 0081			349 SEBR FPR8,FPR1	Subtract short FPR1 from FPR8 RRE	
000003EC	7080 7004	00000004		350 STE FPR8,4(,R7)	Store short BFP difference	
000003F0	B29C 8004	00000004		351 STFPC 4(R8)	Store resulting FPCR flags and DXC	
000003F4	B222 0000			352 IPM R0	Get condition code and program mask	
000003F8	8800 001C	0000001C		353 SRL R0,28	Isolate CC in low order byte	
000003FC	4200 8007	00000007		354 STC R0,7(,R8)	Save condition code in results table	
				355 *		
00000400	7880 3000	00000000		356 LE FPR8,0(,R3)	Get short BFP minuend	
00000404	7810 5000	00000000		357 LE FPR1,0(,R5)	Get short BFP subtrahend	
00000408	B29D F30C	0000030C		358 LFPC FPCREGNT	Set exceptions non-trappable	

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
0000040C	ED80 5000 000B		00000000	359	SEB FPR8,0(,R5)	Subtract short subtrahend from FPR8 RXE
00000412	7080 7008		00000008	360	STE FPR8,8(,R7)	Store short BFP difference
00000416	B29C 8008		00000008	361	STFPC 8(R8)	Store resulting FPCR flags and DXC
0000041A	B222 0000			362	IPM R0	Get condition code and program mask
0000041E	8800 001C		0000001C	363	SRL R0,28	Isolate CC in low order byte
00000422	4200 800B		0000000B	364	STC R0,11(,R8)	Save condition code in results table
				365 *		
00000426	7880 3000		00000000	366	LE FPR8,0(,R3)	Get short BFP minuend
0000042A	B29D F310		00000310	367	LFPC FPCREGTR	Set exceptions trappable
0000042E	ED80 5000 000B		00000000	368	SEB FPR8,0(,R5)	Subtract short subtrahend from FPR8 RXE
00000434	7080 700C		0000000C	369	STE FPR8,12(,R7)	Store short BFP difference
00000438	B29C 800C		0000000C	370	STFPC 12(R8)	Store resulting FPCR flags and DXC
0000043C	B222 0000			371	IPM R0	Get condition code and program mask
00000440	8800 001C		0000001C	372	SRL R0,28	Isolate CC in low order byte
00000444	4200 800F		0000000F	373	STC R0,15(,R8)	Save condition code in results table
				374 *		
00000448	4150 5004		00000004	375	LA R5,4(,R5)	Point to next subtrahend value
0000044C	4170 7010		00000010	376	LA R7,4*4(,R7)	Point to next Subtract result area
00000450	4180 8010		00000010	377	LA R8,4*4(,R8)	Point to next Subtract FPCR area
00000454	0646			378	BCTR R4,R6	Loop through right-hand values
				379 *		
00000456	4130 3004		00000004	380	LA R3,4(,R3)	Point to next input minuend
0000045A	062C			381	BCTR R2,R12	Loop through left-hand values
0000045C	07FD			382	BR R13	All converted; return.

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				384 ****	
				385 *	
				386 * Perform Subtract using provided short BFP input pairs. This set of	
				387 * tests triggers IEEE exceptions Overflow, Underflow, and Inexact and	
				388 * collects both trap and non-trap results.	
				389 *	
				390 * Four results are generated for each input: one RRE with all	
				391 * exceptions non-trappable, a second RRE with all exceptions trappable,	
				392 * a third RXE with all exceptions non-trappable, a fourth RXE with all	
				393 * exceptions trappable,	
				394 *	
				395 * The difference, FPCR, and condition code are stored for each result.	
				396 *	
				397 ****	
0000045E	9823 A000	00000000	399	SBFPF	LM R2,R3,0(R10) Get count and address of test input values
00000462	9878 A008	00000008	400		LM R7,R8,8(R10) Get address of result area and flag area.
00000466	1222		401	LTR	R2,R2 Any test cases?
00000468	078D		402	BZR	R13 ..No, return to caller
0000046A	0DC0		403	BASR	R12,0 Set top of loop
			404 *		
0000046C	B29D F30C	0000030C	405	LFPC	FPCREGNT Set exceptions non-trappable
00000470	7880 3000	00000000	406	LE	FPR8,0(,R3) Get short BFP minuend
00000474	7810 3004	00000004	407	LE	FPR1,4(,R3) Get short BFP subtrahend
00000478	B30B 0081		408	SEBR	FPR8,FPR1 Subtract short FPR1 from FPR8 RRE
0000047C	7080 7000	00000000	409	STE	FPR8,0(,R7) Store short BFP difference
00000480	B29C 8000	00000000	410	STFPC	0(R8) Store resulting FPCR flags and DXC
00000484	B222 0000		411	IPM	R0 Get condition code and program mask
00000488	8800 001C	0000001C	412	SRL	R0,28 Isolate CC in low order byte
0000048C	4200 8003	00000003	413	STC	R0,3(,R8) Save condition code in results table
			414 *		
00000490	B29D F310	00000310	415	LFPC	FPCREGTR Set exceptions trappable
00000494	7880 3000	00000000	416	LE	FPR8,0(,R3) Reload short BFP minuend
			417 *		..subtrahend is still in FPR1
00000498	B30B 0081		418	SEBR	FPR8,FPR1 Subtract short FPR1 from FPR8 RRE
0000049C	7080 7004	00000004	419	STE	FPR8,4(,R7) Store short BFP difference
000004A0	B29C 8004	00000004	420	STFPC	4(R8) Store resulting FPCR flags and DXC
000004A4	B222 0000		421	IPM	R0 Get condition code and program mask
000004A8	8800 001C	0000001C	422	SRL	R0,28 Isolate CC in low order byte
000004AC	4200 8007	00000007	423	STC	R0,7(,R8) Save condition code in results table
			424 *		
000004B0	B29D F30C	0000030C	425	LFPC	FPCREGNT Set exceptions non-trappable
000004B4	7880 3000	00000000	426	LE	FPR8,0(,R3) Reload short BFP minuend
000004B8	ED80 3004 000B	00000004	427	SEB	FPR8,4(,R3) Subtract short subtrahend from FPR8 RXE
000004BE	7080 7008	00000008	428	STE	FPR8,8(,R7) Store short BFP difference
000004C2	B29C 8008	00000008	429	STFPC	8(R8) Store resulting FPCR flags and DXC
000004C6	B222 0000		430	IPM	R0 Get condition code and program mask
000004CA	8800 001C	0000001C	431	SRL	R0,28 Isolate CC in low order byte
000004CE	4200 800B	0000000B	432	STC	R0,11(,R8) Save condition code in results table
			433 *		
000004D2	B29D F310	00000310	434	LFPC	FPCREGTR Set exceptions trappable
000004D6	7880 3000	00000000	435	LE	FPR8,0(,R3) Reload short BFP minuend
000004DA	ED80 3004 000B	00000004	436	SEB	FPR8,4(,R3) Subtract short subtrahend from FPR8 RXE
000004E0	7080 700C	0000000C	437	STE	FPR8,12(,R7) Store short BFP difference
000004E4	B29C 800C	0000000C	438	STFPC	12(R8) Store resulting FPCR flags and DXC

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
000004E8	B222 0000			439	IPM	R0	Get condition code and program mask
000004EC	8800 001C		0000001C	440	SRL	R0,28	Isolate CC in low order byte
000004F0	4200 800F		0000000F	441	STC	R0,15(,R8)	Save condition code in results table
				442 *			
000004F4	4130 3008		00000008	443	LA	R3,2*4(,R3)	Point to next input value pair
000004F8	4170 7010		00000010	444	LA	R7,4*4(,R7)	Point to next difference result set
000004FC	4180 8010		00000010	445	LA	R8,4*4(,R8)	Point to next FPCR result set
00000500	062C			446	BCTR	R2,R12	Convert next input value.
00000502	07FD			447	BR	R13	All converted; return.

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				449 **** 450 * 451 * Perform Subtract using provided short BFP input pairs. This set of 452 * tests exhaustively tests all rounding modes available for Subtract. 453 * The rounding mode can only be specified in the FPC.
				454 * 455 * All five FPC rounding modes are tested because the preceeding tests, 456 * using rounding mode RNTE, do not often create results that require 457 * rounding. 458 * 459 * Two results are generated for each input and rounding mode: one RRE 460 * and one RXE. Traps are disabled for all rounding mode tests. 461 * 462 * The difference, FPCR, and condition code are stored for each test. 463 * 464 ****
00000504	9823 A000	00000000	466 SBFPRM	LM R2,R3,0(R10) Get count and address of test input values
00000508	9878 A008	00000008	467 LM	R7,R8,8(R10) Get address of result area and flag area.
0000050C	1222		468 LTR	R2,R2 Any test cases?
0000050E	078D		469 BZR	R13 ..No, return to caller
00000510	1711		470 XR	R1,R1 Zero register 1 for use in IC/STC/indexing
00000512	0DC0		471 BASR	R12,0 Set top of test case loop
00000514	4150 0005	00000005	473 LA	R5,FPCMCT Get count of FPC modes to be tested
00000518	0D90		474 BASR	R9,0 Set top of rounding mode outer loop
0000051A	4315 F8C3	000008C3	476 IC	R1,FPCMODES-L'FPCMODES(R5) Get next FPC mode
0000051E	B29D F30C	0000030C	477 *	478 LFPC FPCREGNT Set exceptions non-trappable, clear flags
00000522	B2B8 1000	00000000	479 SRNMB	0(R1) Set FPC Rounding Mode
00000526	7880 3000	00000000	480 LE	FPR8,0(,R3) Get short BFP minuend
0000052A	7810 3004	00000004	481 LE	FPR1,4(,R3) Get short BFP subtrahend
0000052E	B30B 0081		482 SEBR	FPR8,FPR1 Subtract short FPR1 from FPR8 RRE
00000532	7080 7000	00000000	483 STE	FPR8,0(,R7) Store short BFP difference
00000536	B29C 8000	00000000	484 STFPC	0(R8) Store resulting FPCR flags and DXC
0000053A	B222 0000		485 IPM	R0 Get condition code and program mask
0000053E	8800 001C	0000001C	486 SRL	R0,28 Isolate CC in low order byte
00000542	4200 8003	00000003	487 STC	R0,3(,R8) Save condition code in results table
00000546	B29D F30C	0000030C	489 LFPC	FPCREGNT Set exceptions non-trappable, clear flags
0000054A	B2B8 1000	00000000	490 SRNMB	0(R1) Set FPC Rounding Mode
0000054E	7880 3000	00000000	491 LE	FPR8,0(,R3) Get short BFP minuend
00000552	ED80 3004 000B	00000004	492 SEB	FPR8,4(,R3) Subtract short subtrahend from FPR8 RXE
00000558	7080 7004	00000004	493 STE	FPR8,4(,R7) Store short BFP difference
0000055C	B29C 8004	00000004	494 STFPC	4(R8) Store resulting FPCR flags and DXC
00000560	B222 0000		495 IPM	R0 Get condition code and program mask
00000564	8800 001C	0000001C	496 SRL	R0,28 Isolate CC in low order byte
00000568	4200 8007	00000007	497 STC	R0,7(,R8) Save condition code in results table
0000056C	4170 7008	00000008	498 *	499 LA R7,2*4(,R7) Point to next difference result set
00000570	4180 8008	00000008	500 LA	R8,2*4(,R8) Point to next FPCR result area
00000574	0659		501 *	502 BCTR R5,R9 Iterate to next FPC mode for this input
			503 *	

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
				504 * End of FPC modes to be tested. Advance to next test case. We will		
				505 * skip eight bytes of result area so that each set of five result		
				506 * value pairs starts at a memory address ending in zero for the		
				507 * convenience of memory dump review.		
				508 *		
00000576	4130 3008		00000008	509 LA R3,2*4(,R3)	Point to next input value pair	
0000057A	4170 7008		00000008	510 LA R7,8(,R7)	Skip to start of next result set	
0000057E	4180 8008		00000008	511 LA R8,8(,R8)	Skip to start of next FPCR result set	
00000582	062C			512 BCTR R2,R12	Advance to the next input pair	
00000584	07FD			513 *		
				514 BR R13	All converted; return.	

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				516 **** 517 * 518 * Perform Subtract using provided long BFP inputs. This set of tests 519 * checks NaN propagation, operations on values that are not finite 520 * numbers, and other basic tests. This set generates results that can 521 * be validated against Figure 19-13 on page 19-16 of SA22-7832-10. 522 * 523 * That Figure has separate rows and columns for Normal and Tiny 524 * operands. Although the results are effectively the same for Normal 525 * and Tiny in any combination, the input data includes Normal and 526 * Tiny values. 527 * 528 * Four results are generated for each input: one RRE with all 529 * exceptions non-trappable, a second RRE with all exceptions trappable, 530 * a third RXE with all exceptions non-trappable, a fourth RXE with all 531 * exceptions trappable, 532 * 533 * The difference, FPCR, and condition code are stored for each result. 534 * 535 ****
00000586				537 LBFPNF DS 0H BFP long non-finite values tests
00000586	9823 A000	00000000	00000008	538 LM R2,R3,0(R10) Get count and address of minuend values
0000058A	9878 A008			539 LM R7,R8,8(R10) Get address of result area and flag area.
0000058E	1222			540 LTR R2,R2 Any test cases?
00000590	078D			541 BZR R13 ..No, return to caller
00000592	0DC0			542 BASR R12,0 Set top of loop 543 *
00000594	9845 A000	00000000		544 LM R4,R5,0(R10) Get count and start of subtrahend values 545 * ..which are the same as the minuends
00000598	0D60			546 BASR R6,0 Set top of inner loop 547 *
0000059A	6880 3000	00000000		548 LD FPR8,0(,R3) Get long BFP minuend
0000059E	6810 5000	00000000		549 LD FPR1,0(,R5) Get long BFP subtrahend
000005A2	B29D F30C	0000030C		550 LFPC FPCREGNT Set exceptions non-trappable
000005A6	B31B 0081			551 SDBR FPR8,FPR1 Subtract long FPR1 from FPR8 RRE
000005AA	6080 7000	00000000		552 STD FPR8,0(,R7) Store long BFP difference
000005AE	B29C 8000	00000000		553 STFPC 0(R8) Store resulting FPCR flags and DXC
000005B2	B222 0000			554 IPM R0 Get condition code and program mask
000005B6	8800 001C	0000001C		555 SRL R0,28 Isolate CC in low order byte
000005BA	4200 8003	00000003		556 STC R0,3(,R8) Save condition code in results table 557 *
000005BE	6880 3000	00000000		558 LD FPR8,0(,R3) Get long BFP minuend
000005C2	6810 5000	00000000		559 LD FPR1,0(,R5) Get long BFP subtrahend
000005C6	B29D F310	00000310		560 LFPC FPCREGTR Set exceptions trappable
000005CA	B31B 0081			561 SDBR FPR8,FPR1 Subtract long subtrahend from FPR8 RRE
000005CE	6080 7008	00000008		562 STD FPR8,8(,R7) Store long BFP remainder
000005D2	B29C 8004	00000004		563 STFPC 4(R8) Store resulting FPCR flags and DXC
000005D6	B222 0000			564 IPM R0 Get condition code and program mask
000005DA	8800 001C	0000001C		565 SRL R0,28 Isolate CC in low order byte
000005DE	4200 8007	00000007		566 STC R0,7(,R8) Save condition code in results table 567 *
000005E2	6880 3000	00000000		568 LD FPR8,0(,R3) Get long BFP minuend
000005E6	B29D F30C	0000030C		569 LFPC FPCREGNT Set exceptions non-trappable
000005EA	ED80 5000 001B	00000000		570 SDB FPR8,0(,R5) Subtract long subtrahend from FPR8 RXE

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
000005F0	6080 7010		00000010	571	STD FPR8,16(,R7)	Store long BFP difference
000005F4	B29C 8008		00000008	572	STFPC 8(R8)	Store resulting FPCR flags and DXC
000005F8	B222 0000			573	IPM R0	Get condition code and program mask
000005FC	8800 001C		0000001C	574	SRL R0,28	Isolate CC in low order byte
00000600	4200 800B		0000000B	575	STC R0,11(,R8)	Save condition code in results table
				576 *		
00000604	6880 3000		00000000	577	LD FPR8,0(,R3)	Get long BFP minuend
00000608	B29D F310		00000310	578	LFPC FPCREGTR	Set exceptions trappable
0000060C	ED80 5000 001B		00000000	579	SDB FPR8,0(,R5)	Subtract long subtrahend from FPR8 RXE
00000612	6080 7018		00000018	580	STD FPR8,24(,R7)	Store long BFP remainder
00000616	B29C 800C		0000000C	581	STFPC 12(R8)	Store resulting FPCR flags and DXC
0000061A	B222 0000			582	IPM R0	Get condition code and program mask
0000061E	8800 001C		0000001C	583	SRL R0,28	Isolate CC in low order byte
00000622	4200 800F		0000000F	584	STC R0,15(,R8)	Save condition code in results table
				585 *		
00000626	4150 5008		00000008	586	LA R5,8(,R5)	Point to next subtrahend value
0000062A	4170 7020		00000020	587	LA R7,4*8(,R7)	Point to next Subtract result area
0000062E	4180 8010		00000010	588	LA R8,4*4(,R8)	Point to next Subtract FPCR area
00000632	0646			589	BCTR R4,R6	Loop through right-hand values
				590 *		
00000634	4130 3008		00000008	591	LA R3,8(,R3)	Point to next minuend value
00000638	062C			592	BCTR R2,R12	Subtract until all cases tested
0000063A	07FD			593	BR R13	All converted; return.

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				595 ****	*****
				596 *	
				597 * Perform Subtract using provided long BFP input pairs. This set of	
				598 * tests triggers IEEE exceptions Overflow, Underflow, and Inexact and	
				599 * collects non-trap and trap results.	
				600 *	
				601 * Four results are generated for each input: one RRE with all	
				602 * exceptions non-trappable, a second RRE with all exceptions trappable,	
				603 * a third RXE with all exceptions non-trappable, a fourth RXE with all	
				604 * exceptions trappable,	
				605 *	
				606 * The difference, FPCR, and condition code are stored for each result.	
				607 *	
				608 *****	*****
0000063C	9823 A000	00000000	610	LBFPF LM R2,R3,0(R10)	Get count and address of test input values
00000640	9878 A008	00000008	611	LM R7,R8,8(R10)	Get address of result area and flag area.
00000644	1222		612	LTR R2,R2	Any test cases?
00000646	078D		613	BZR R13	..No, return to caller
00000648	0DC0		614	BASR R12,0	Set top of loop
			615 *		
0000064A	B29D F30C	0000030C	616	LFPC FPCREGNT	Set exceptions non-trappable
0000064E	6880 3000	00000000	617	LD FPR8,0(,R3)	Get long BFP minuend
00000652	6810 3008	00000008	618	LD FPR1,8(,R3)	Get long BFP subtrahend
00000656	B31B 0081		619	SDBR FPR8,FPR1	Subtract long FPR1 from FPR8 RRE
0000065A	6080 7000	00000000	620	STD FPR8,0(,R7)	Store long BFP difference
0000065E	B29C 8000	00000000	621	STFPC 0(R8)	Store resulting FPCR flags and DXC
00000662	B222 0000		622	IPM R0	Get condition code and program mask
00000666	8800 001C	0000001C	623	SRL R0,28	Isolate CC in low order byte
0000066A	4200 8003	00000003	624	STC R0,3(,R8)	Save condition code in results table
			625 *		
0000066E	B29D F310	00000310	626	LFPC FPCREGTR	Set exceptions trappable
00000672	6880 3000	00000000	627	LD FPR8,0(,R3)	Reload long BFP minuend
			628 *		..subtrahend is still in FPR1
00000676	B31B 0081		629	SDBR FPR8,FPR1	Subtract long FPR1 from FPR8 RRE
0000067A	6080 7008	00000008	630	STD FPR8,8(,R7)	Store long BFP difference
0000067E	B29C 8004	00000004	631	STFPC 4(R8)	Store resulting FPCR flags and DXC
00000682	B222 0000		632	IPM R0	Get condition code and program mask
00000686	8800 001C	0000001C	633	SRL R0,28	Isolate CC in low order byte
0000068A	4200 8007	00000007	634	STC R0,7(,R8)	Save condition code in results table
			635 *		
0000068E	B29D F30C	0000030C	636	LFPC FPCREGNT	Set exceptions non-trappable
00000692	6880 3000	00000000	637	LD FPR8,0(,R3)	Reload long BFP minuend
00000696	ED80 3008 001B	00000008	638	SDBR FPR8,8(,R3)	Subtract long subtrahend from FPR8 RXE
0000069C	6080 7010	00000010	639	STD FPR8,16(,R7)	Store long BFP difference
000006A0	B29C 8008	00000008	640	STFPC 8(R8)	Store resulting FPCR flags and DXC
000006A4	B222 0000		641	IPM R0	Get condition code and program mask
000006A8	8800 001C	0000001C	642	SRL R0,28	Isolate CC in low order byte
000006AC	4200 800B	0000000B	643	STC R0,11(,R8)	Save condition code in results table
			644 *		
000006B0	B29D F310	00000310	645	LFPC FPCREGTR	Set exceptions trappable
000006B4	6880 3000	00000000	646	LD FPR8,0(,R3)	Reload long BFP minuend
000006B8	ED80 3008 001B	00000008	647	SDBR FPR8,8(,R3)	Subtract long subtrahend from FPR8 RXE
000006BE	6080 7018	00000018	648	STD FPR8,24(,R7)	Store long BFP difference
000006C2	B29C 800C	0000000C	649	STFPC 12(R8)	Store resulting FPCR flags and DXC

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
000006C6	B222 0000			650	IPM	R0	Get condition code and program mask
000006CA	8800 001C		0000001C	651	SRL	R0,28	Isolate CC in low order byte
000006CE	4200 800F		0000000F	652	STC	R0,15(,R8)	Save condition code in results table
				653 *			
000006D2	4130 3010		00000010	654	LA	R3,2*8(,R3)	Point to next input value pair
000006D6	4170 7020		00000020	655	LA	R7,4*8(,R7)	Point to next quotient result pair
000006DA	4180 8010		00000010	656	LA	R8,4*4(,R8)	Point to next FPCR result area
000006DE	062C			657	BCTR	R2,R12	Convert next input value.
000006E0	07FD			658	BR	R13	All converted; return.

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				660 *****			
				661 *			
				662 * Perform Subtract using provided long BFP input pairs. This set of			
				663 * tests exhaustively tests all rounding modes available for Subtract.			
				664 * The rounding mode can only be specified in the FPC.			
				665 *			
				666 * All five FPC rounding modes are tested because the preceeding tests,			
				667 * using rounding mode RNTE, do not often create results that require			
				668 * rounding.			
				669 *			
				670 * Two results are generated for each input and rounding mode: one RRE			
				671 * and one RXE. Traps are disabled for all rounding mode tests.			
				672 *			
				673 * The difference, FPCR, and condition code are stored for each result.			
				674 *			
				675 *****			
000006E2	9823 A000	00000000	677	LBFPRM LM R2,R3,0(R10)	Get count and address of test input values		
000006E6	9878 A008	00000008	678	LM R7,R8,8(R10)	Get address of result area and flag area.		
000006EA	1222		679	LTR R2,R2	Any test cases?		
000006EC	078D		680	BZR R13	..No, return to caller		
000006EE	1711		681	XR R1,R1	Zero register 1 for use in IC/STC/indexing		
000006F0	0DC0		682	BASR R12,0	Set top of test case loop		
			683				
000006F2	4150 0005	00000005	684	LA R5,FPCMCT	Get count of FPC modes to be tested		
000006F6	0D90		685	BASR R9,0	Set top of rounding mode loop		
000006F8	4315 F8C3	000008C3	686 *				
			687	IC R1,FPCMODES-L'FPCMODES(R5)	Get next FPC mode		
			688 *				
000006FC	B29D F30C	0000030C	689	LFPC FPCREGNT	Set exceptions non-trappable, clear flags		
00000700	B2B8 1000	00000000	690	SRNMB 0(R1)	Set FPC Rounding Mode		
00000704	6880 3000	00000000	691	LD FPR8,0(,R3)	Get long BFP minuend		
00000708	6810 3008	00000008	692	LD FPR1,8(,R3)	Get long BFP subtrahend		
0000070C	B31B 0081		693	SDBR FPR8,FPR1	Subtract long FPR1 from FPR8 RRE		
00000710	6080 7000	00000000	694	STD FPR8,0(,R7)	Store long BFP difference		
00000714	B29C 8000	00000000	695	STFPC 0(R8)	Store resulting FPCR flags and DXC		
00000718	B222 0000		696	IPM R0	Get condition code and program mask		
0000071C	8800 001C	0000001C	697	SRL R0,28	Isolate CC in low order byte		
00000720	4200 8003	00000003	698	STC R0,3(,R8)	Save condition code in results table		
			699 *				
00000724	B29D F30C	0000030C	700	LFPC FPCREGNT	Set exceptions non-trappable, clear flags		
00000728	B2B8 1000	00000000	701	SRNMB 0(R1)	Set FPC Rounding Mode		
0000072C	6880 3000	00000000	702	LD FPR8,0(,R3)	Reload long BFP minuend		
00000730	ED80 3008 001B	00000008	703	SDB FPR8,8(,R3)	Subtract long subtrahend from FPR8 RXE		
00000736	6080 7008	00000008	704	STD FPR8,8(,R7)	Store long BFP difference		
0000073A	B29C 8004	00000004	705	STFPC 4(R8)	Store resulting FPCR flags and DXC		
0000073E	B222 0000		706	IPM R0	Get condition code and program mask		
00000742	8800 001C	0000001C	707	SRL R0,28	Isolate CC in low order byte		
00000746	4200 8007	00000007	708	STC R0,7(,R8)	Save condition code in results table		
			709 *				
0000074A	4170 7010	00000010	710	LA R7,2*8(,R7)	Point to next difference result set		
0000074E	4180 8008	00000008	711	LA R8,2*4(,R8)	Point to next FPCR result area		
			712 *				
00000752	0659		713	BCTR R5,R9	Iterate to next FPC mode		
			714 *				

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				715 * End of FPC modes to be tested. Advance to next test case. We will 716 * skip eight bytes of FPCR result area so that each set of five result 717 * FPCR contents pairs starts at a memory address ending in zero for the 718 * convenience of memory dump review. 719 *	
00000754	4130 3010	00000010	720	LA R3,2*8(,R3)	Point to next input value pair
00000758	4180 8008	00000008	721	LA R8,8(,R8)	Skip to start of next FPCR result area
0000075C	062C		722	BCTR R2,R12	Subtract next input value lots of times
0000075E	07FD		723 *		
			724	BR R13	All converted; return.

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				726 **** 727 * 728 * Perform Subtract using provided extended BFP inputs. This set of 729 * tests checks NaN propagation, operations on values that are not 730 * finite numbers, and other basic tests. This set generates results 731 * that can be validated against Figure 19-13 on page 19-16 of 732 * SA22-7832-10. 733 *
				734 * That Figure has separate rows and columns for Normal and Tiny 735 * operands. Although the results are effectively the same for Normal 736 * and Tiny in any combination, the input data includes Normal and 737 * Tiny values. 738 * 739 * Two results are generated for each input: one RRE with all 740 * exceptions non-trappable, and a second RRE with all exceptions 741 * trappable. Extended BFP Subtract does not have an RXE format. 742 *
				743 * The difference, FPCR, and condition code are stored for each result. 744 * 745 ****
00000760				747 XBFPNF DS 0H BFP extended non-finite values tests
00000760	9823 A000	00000000	748 LM R2,R3,0(R10)	Get count and address of minuend values
00000764	9878 A008	00000008	749 LM R7,R8,8(R10)	Get address of result area and flag area.
00000768	1222		750 LTR R2,R2	Any test cases?
0000076A	078D		751 BZR R13	..No, return to caller
0000076C	0DC0		752 BASR R12,0	Set top of loop
			753 *	
0000076E	9845 A000	00000000	754 LM R4,R5,0(R10)	Get count and start of subtrahend values
			755 *	..which are the same as the minuends
00000772	0D60		756 BASR R6,0	Set top of inner loop
			757 *	
00000774	6880 3000	00000000	758 LD FPR8,0(,R3)	Get extended BFP minuend part 1
00000778	68A0 3008	00000008	759 LD FPR10,8(,R3)	Get extended BFP minuend part 2
0000077C	6810 5000	00000000	760 LD FPR1,0(,R5)	Get extended BFP subtrahend part 1
00000780	6830 5008	00000008	761 LD FPR3,8(,R5)	Get extended BFP subtrahend part 2
00000784	B29D F30C	0000030C	762 LFPC FPCREGNT	Set exceptions non-trappable
00000788	B34B 0081		763 SXBR FPR8,FPR1	Subtract extended FPR1-3 from FPR8-10 RRE
0000078C	6080 7000	00000000	764 STD FPR8,0(,R7)	Store extended BFP difference part 1
00000790	60A0 7008	00000008	765 STD FPR10,8(,R7)	Store extended BFP difference part 2
00000794	B29C 8000	00000000	766 STFPC 0(R8)	Store resulting FPCR flags and DXC
00000798	B222 0000		767 IPM R0	Get condition code and program mask
0000079C	8800 001C	0000001C	768 SRL R0,28	Isolate CC in low order byte
000007A0	4200 8003	00000003	769 STC R0,3(,R8)	Save condition code in results table
			770 *	
000007A4	68D0 3000	00000000	771 LD FPR13,0(,R3)	Get extended BFP minuend part 1
000007A8	68F0 3008	00000008	772 LD FPR15,8(,R3)	Get extended BFP minuend part 2
000007AC	6810 5000	00000000	773 LD FPR1,0(,R5)	Get extended BFP subtrahend part 1
000007B0	6830 5008	00000008	774 LD FPR3,8(,R5)	Get extended BFP subtrahend part 2
000007B4	B29D F310	00000310	775 LFPC FPCREGTR	Set exceptions trappable
000007B8	B34B 00D1		776 SXBR FPR13,FPR1	Subtract extended FPR1-3 from FPR13-15 RRE
000007BC	60D0 7010	00000010	777 STD FPR13,16(,R7)	Store extended BFP difference part 1
000007C0	60F0 7018	00000018	778 STD FPR15,24(,R7)	Store extended BFP difference part 2
000007C4	B29C 8004	00000004	779 STFPC 4(R8)	Store resulting FPCR flags and DXC
000007C8	B222 0000		780 IPM R0	Get condition code and program mask

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
000007CC	8800 001C		0000001C	781	SRL	R0,28	Isolate CC in low order byte
000007D0	4200 8007		00000007	782	STC	R0,7(,R8)	Save condition code in results table
				783 *			
000007D4	4150 5010		00000010	784	LA	R5,16(,R5)	Point to next subtrahend value
000007D8	4170 7020		00000020	785	LA	R7,32(,R7)	Point to next Subtract result area
000007DC	4180 8010		00000010	786	LA	R8,16(,R8)	Point to next Subtract FPCR area
000007E0	0646			787	BCTR	R4,R6	Loop through right-hand values
				788 *			
000007E2	4130 3010		00000010	789	LA	R3,16(,R3)	Point to next minuend value
000007E6	062C			790	BCTR	R2,R12	Subtract until all cases tested
000007E8	07FD			791	BR	R13	All converted; return.

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				793 **** 794 *			
				795 * Perform Subtract using provided extended BFP input pairs. This set 796 * of tests triggers IEEE exceptions Overflow, Underflow, and Inexact 797 * and collects results when the exceptions do not result in a trap and 798 * when they do. 799 *			
				800 * Two results are generated for each input: one RRE with all 801 * exceptions non-trappable and a second RRE with all exceptions 802 * trappable. There is no RXE format for Subtract in extended 803 * precision. 804 *			
				805 * The difference, FPCR, and condition code are stored for each result. 806 *			
				807 ****			
000007EA	9823 A000	00000000	809	XBFPP	LM	R2,R3,0(R10)	Get count and address of test input values
000007EE	9878 A008	00000008	810		LM	R7,R8,8(R10)	Get address of result area and flag area.
000007F2	1222		811		LTR	R2,R2	Any test cases?
000007F4	078D		812		BZR	R13	..No, return to caller
000007F6	0DC0		813		BASR	R12,0	Set top of loop
			814 *				
000007F8	B29D F30C	0000030C	815		LFPC	FPCREGNT	Set exceptions non-trappable
000007FC	68D0 3000	00000000	816		LD	FPR13,0(,R3)	Get extended BFP minuend part 1
00000800	68F0 3008	00000008	817		LD	FPR15,8(,R3)	Get extended BFP minuend part 2
00000804	6810 3010	00000010	818		LD	FPR1,16(,R3)	Get extended BFP subtrahend part 1
00000808	6830 3018	00000018	819		LD	FPR3,24(,R3)	Get extended BFP subtrahend part 2
0000080C	B34B 00D1		820		SXBR	FPR13,FPR1	Subtract extended FPR1-3 from FPR13-15 RRE
00000810	60D0 7000	00000000	821		STD	FPR13,0(,R7)	Store extended BFP difference part 1
00000814	60F0 7008	00000008	822		STD	FPR15,8(,R7)	Store extended BFP difference part 2
00000818	B29C 8000	00000000	823		STFPC	0(R8)	Store resulting FPCR flags and DXC
0000081C	B222 0000		824		IPM	R0	Get condition code and program mask
00000820	8800 001C	0000001C	825		SRL	R0,28	Isolate CC in low order byte
00000824	4200 8003	00000003	826		STC	R0,3(,R8)	Save condition code in results table
			827 *				
00000828	B29D F310	00000310	828		LFPC	FPCREGTR	Set exceptions trappable
0000082C	68D0 3000	00000000	829		LD	FPR13,0(,R3)	Reload extended BFP minuend part 1
00000830	68F0 3008	00000008	830		LD	FPR15,8(,R3)	Reload extended BFP minuend part 2
			831 *				..subtrahend is still in FPR1-FPR3
00000834	B34B 00D1		832		SXBR	FPR13,FPR1	Subtract extended FPR1-3 from FPR13-15 RRE
00000838	60D0 7010	00000010	833		STD	FPR13,16(,R7)	Store extended BFP difference part 1
0000083C	60F0 7018	00000018	834		STD	FPR15,24(,R7)	Store extended BFP difference part 2
00000840	B29C 8004	00000004	835		STFPC	4(R8)	Store resulting FPCR flags and DXC
00000844	B222 0000		836		IPM	R0	Get condition code and program mask
00000848	8800 001C	0000001C	837		SRL	R0,28	Isolate CC in low order byte
0000084C	4200 8007	00000007	838		STC	R0,7(,R8)	Save condition code in results table
			839 *				
00000850	4130 3020	00000020	840		LA	R3,32(,R3)	Point to next input value pair
00000854	4170 7020	00000020	841		LA	R7,32(,R7)	Point to next quotient result pair
00000858	4180 8010	00000010	842		LA	R8,16(,R8)	Point to next FPCR result area
0000085C	062C		843		BCTR	R2,R12	Convert next input value.
			844 *				
0000085E	07FD		845		BR	R13	All converted; return.

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				847 **** 848 *
				849 * Perform Subtract using provided extended BFP input pairs. This set 850 * of tests exhaustively tests all rounding modes available for 851 * Subtract. The rounding mode can only be specified in the FPC.
				852 * 853 * All five FPC rounding modes are tested because the preceeding tests, 854 * using rounding mode RNTE, do not often create results that require 855 * rounding. 856 * 857 * Two results are generated for each input and rounding mode: one RRE 858 * and one RXE. Traps are disabled for all rounding mode tests. 859 * 860 * The difference, FPCR, and condition code are stored for each result. 861 * 862 ****
00000860	9823 A000	00000000	864 XBFPRM	LM R2,R3,0(R10) Get count and address of test input values
00000864	9878 A008	00000008	865 LM	R7,R8,8(R10) Get address of result area and flag area.
00000868	1222		866 LTR	R2,R2 Any test cases?
0000086A	078D		867 BZR	R13 ..No, return to caller
0000086C	1711		868 XR	R1,R1 Zero register 1 for use in IC/STC/indexing
0000086E	0DC0		869 BASR	R12,0 Set top of test case loop
00000870	4150 0005	00000005	871 LA	R5,FPCMCT Get count of FPC modes to be tested
00000874	0D90		872 BASR	R9,0 Set top of rounding mode loop
00000876	4315 F8C3	000008C3	873 *	874 IC R1,FPCMODES-L'FPCMODES(R5) Get next FPC mode
0000087A	B29D F30C	0000030C	875 *	876 LFPC FPCREGNT Set exceptions non-trappable, clear flags
0000087E	B2B8 1000	00000000	877 SRNMB	0(R1) Set FPC Rounding Mode
00000882	68D0 3000	00000000	878 LD	FPR13,0(,R3) Get extended BFP minuend part 1
00000886	68F0 3008	00000008	879 LD	FPR15,8(,R3) Get extended BFP minuend part 2
0000088A	6810 3010	00000010	880 LD	FPR1,16(,R3) Get extended BFP subtrahend part 1
0000088E	6830 3018	00000018	881 LD	FPR3,24(,R3) Get extended BFP subtrahend part 2
00000892	B34B 00D1		882 SXBR	FPR13,FPR1 Subtract extended FPR1-3 from FPR13-15 RRE
00000896	60D0 7000	00000000	883 STD	FPR13,0(,R7) Store extended BFP difference part 1
0000089A	60F0 7008	00000008	884 STD	FPR15,8(,R7) Store extended BFP difference part 2
0000089E	B29C 8000	00000000	885 STFPC	0(R8) Store resulting FPCR flags and DXC
000008A2	B222 0000		886 IPM	R0 Get condition code and program mask
000008A6	8800 001C	0000001C	887 SRL	R0,28 Isolate CC in low order byte
000008AA	4200 8003	00000003	888 STC	R0,3(,R8) Save condition code in results table
000008AE	4170 7010	00000010	889 *	890 LA R7,16(,R7) Point to next difference result set
000008B2	4180 8004	00000004	891 LA	R8,4(,R8) Point to next FPCR result area
000008B6	0659		892 *	893 BCTR R5,R9 Iterate to next FPC mode
			894 *	895 * End of FPC modes to be tested. Advance to next test case. We will
				896 * skip eight bytes of FPCR result area so that each set of five result
				897 * FPCR contents pairs starts at a memory address ending in zero for the
				898 * convenience of memory dump review.
000008B8	4130 3020	00000020	899 *	900 LA R3,2*16(,R3) Point to next input value pair
000008BC	4180 800C	0000000C	901 LA	R8,12(,R8) Skip to start of next FPCR result area

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
000008C0	062C			902 903 *	BCTR R2,R12	Subtract next input value lots of times
000008C2	07FD			904	BR R13	All converted; return.

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				906 **** 907 * 908 * Table of FPC rounding modes to test difference rounding modes. 909 * 910 * The Set BFP Rounding Mode does allow specification of the FPC 911 * rounding mode as an address, so we shall index into a table of 912 * BFP rounding modes without bothering with Execute. 913 * 914 ****
				916 * 917 * Rounding modes that may be set in the FPCR. The FPCR controls 918 * rounding of the difference. 919 * 920 * These are indexed directly by the loop counter, which counts down. 921 * So the modes are listed in reverse order here. 922 *
000008C4				923 FPCMODES DS 0C
000008C4 07				924 DC AL1(7) RFS, Round for shorter precision
000008C5 03				925 DC AL1(3) RM, Round to -infinity
000008C6 02				926 DC AL1(2) RP, Round to +infinity
000008C7 01				927 DC AL1(1) RZ, Round to zero
000008C8 00		00000005 00000001		928 DC AL1(0) RNTE, Round to Nearest, ties to even 929 FPCMCT EQU *-FPCMODES Count of FPC Modes to be tested 930 *

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				932 **** 933 * 934 * Short BFP test data sets for Subtract testing. 935 * 936 * The first test data set is used for tests of basic functionality, 937 * NaN propagation, and results from operations involving other than 938 * finite numbers. 939 *
				940 * The second test data set is used for testing boundary conditions 941 * using two finite non-zero values. Each possible condition code 942 * and type of result (normal, scaled, etc) is created by members of 943 * this test data set. 944 *
				945 * The third test data set is used for exhaustive testing of final 946 * results across the five rounding modes available for the Subtract 947 * instruction. 948 *
				949 ****
				951 **** 952 * 953 * First input test data set, to test operations using non-finite or 954 * zero inputs. Member values chosen to validate Figure 19-13 on page 955 * 19-16 of SA22-7832-10. Each value in this table is tested against 956 * every other value in the table. Ten entries means 100 result sets. 957 * 958 ****
000008CC				960 SBFPNFIN DS 0F Inputs for short BFP non-finite tests
000008CC	FF800000			961 DC X'FF800000' -inf
000008D0	C0000000			962 DC X'C0000000' -2.0
000008D4	80010000			963 DC X'80010000' -Dnice
000008D8	80000000			964 DC X'80000000' -0
000008DC	00000000			965 DC X'00000000' +0
000008E0	00010000			966 DC X'00010000' -Dnice
000008E4	40000000			967 DC X'40000000' +2.0
000008E8	7F800000			968 DC X'7F800000' +inf
000008EC	FFCB0000			969 DC X'FFCB0000' -QNaN
000008F0	7F8A0000			970 DC X'7F8A0000' +SNaN
	0000000A 00000001			971 SBFPNFCT EQU (*-SBFPNFIN)/4 Count of short BFP in list
				973 **** 974 * 975 * Second input test data set. These are finite pairs intended to 976 * trigger overflow, underflow, and inexact exceptions. Each pair is 977 * added twice, once non-trappable and once trappable. Trappable 978 * overflow or underflow yields a scaled result. Trappable inexact 979 * will show whether the Incremented DXC code is returned. 980 * 981 * The following test cases are required: 982 * 1. Overflow 983 * 2. Underflow - normal inputs

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				984 * 3. Underflow - subnormal inputs 985 * 4. Normal - from subnormal inputs 986 * 5. Inexact - incremented 987 * 6. Inexact - truncated 988 * 989 ****
000008F4				991 SBFPIN DS OF Inputs for short BFP finite tests 992 * 993 * Overflow on subtraction 994 *
000008F4	7F7FFFFF			995 DC X'7F7FFFFF' +Nmax 000008F8 FF7FFFFF
				996 DC X'FF7FFFFF' -Nmax 997 * 998 * Underflow from difference of normals. We will subtract a small 999 * normal from a slightly larger small normal to generate a subnormal.
000008FC	00FFFFFF			1000 * 1001 DC X'00FFFFFF' Very small normal number 00000900 00800000
				1002 DC X'00800000' Smaller normal 1003 * 1004 * Underflow from difference of subnormals. 1005 *
00000904	00040000			1006 DC X'00040000' Subnormal, < +Dmax 00000908 00000F0F
				1007 DC X'00000F0F' Smaller subnormal 1008 * 1009 * Normal result from difference of subnormals. 1010 * The result will be greater than +Nmin 1011 *
0000090C	007FFFFF			1012 DC X'007FFFFF' +Dmax 00000910 80000001
				1013 DC X'80000001' -Dmin, result will be +Nmin 1014 * 1015 * Subtract a value from 1.0 such that the added digits are to the right 1016 * of the right-most bit in the stored significand. The result will be 1017 * inexact, and incremented will be determined by the value of the 1018 * bits in the subtrahend. 1019 *
00000914	3F800000			1020 DC X'3F800000' Minuend +1, aka 1.0b0 00000918 32800000
				1021 DC X'32800000' Subtrahend 1.b-26 1022 *..Above subtrahend is 1.490116119384765625E-8 1023 *..nearest is away from zero, incremented. 1024 *
0000091C	3F800000			1025 DC X'3F800000' Minuend +1, aka 1.0b0 00000920 33100000
				1026 DC X'33100000' Subtrahend 1.001b-25 1027 *..Above subtrahend is 3.35276126861572265625E-8 1028 *..nearest is toward zero, truncated 1029 *
	00000006	00000001	1030 SBFPCT EQU	(*-SBFPIN)/4/2 Count of short BFP in list
				1032 **** 1033 * 1034 * Third input test data set. These are finite pairs intended to 1035 * test all combinations of rounding mode for the difference and the 1036 * remainder. Values are chosen to create a requirement to round

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1037 * to the target precision after the computation and to generate 1038 * varying results depending on the rounding mode in the FPCR. 1039 *
				1040 * The result set will have cases that represent each of the following 1041 *
				1042 * 1. Positive, nearest magnitude is toward zero. 1043 * 2. Negative, nearest magnitude is toward zero. 1044 * 3. Positive, nearest magnitude is away from zero. 1045 * 4. Negative, nearest magnitude is away from zero. 1046 * 5. Positive, tie, nearest even has greater magnitude 1047 * 6. Negative, tie, nearest even has greater magnitude 1048 * 7. Positive, tie, nearest even has lower magnitude 1049 * 8. Negative, tie, nearest even has lower magnitude 1050 *
				1051 * Round For Shorter precision correctness can be determined from the 1052 * above test cases. 1053 *
				1054 *****
00000924				1056 SBFPINRM DS 0F Inputs for short BFP rounding testing 1057 *
				1058 * Subtract a value from 1.0 such that the added digits are to the right 1059 * of the right-most bit in the stored significand. The result will be 1060 * inexact, and incremented will be determined by the value of the 1061 * bits in the subtrahend. 1062 *
00000924	3F800000			1063 DC X'3F800000' Minuend +1, aka 1.0b0
00000928	33100000			1064 DC X'33100000' Subtrahend 1.001b-25
0000092C	BF800000			1065 DC X'BF800000' Minuend -1, aka -1.0b0
00000930	B3100000			1066 DC X'B3100000' Subtrahend 1.001b-25 1067 ...Above subtrahend is 3.35276126861572265625E-8
				1068 ...nearest is toward zero, truncated 1069 *
00000934	3F800000			1070 DC X'3F800000' Minuend +1, aka +1.0b0
00000938	32800000			1071 DC X'32800000' Subtrahend 1.b-26
0000093C	BF800000			1072 DC X'BF800000' Minuend -1, aka -1.0b0
00000940	B2800000			1073 DC X'B2800000' Subtrahend -1.b-26 1074 ...Above subtrahend is 1.490116119384765625E-8
				1075 ...nearest is away from zero, incremented. 1076 *
00000944	3F800000			1077 DC X'3F800000' Minuend +1, aka +1.0b0
00000948	33C00000			1078 DC X'33C00000' Subtrahend +1.1b-24
0000094C	BF800000			1079 DC X'BF800000' Minuend -1, aka -1.0b0
00000950	B3C00000			1080 DC X'B3C00000' Subtrahend -1.1b-24 1081 ...Above subtrahend is 8.94069671630859375E-8
				1082 ...nearest is a tie, nearest even has lower magnitude 1083 *
00000954	3F800000			1084 DC X'3F800000' Minuend +1, aka +1.0b0
00000958	33000000			1085 DC X'33000000' Subtrahend +1.0b-25
0000095C	BF800000			1086 DC X'BF800000' Minuend -1, aka -1.0b0
00000960	B3000000			1087 DC X'B3000000' Subtrahend -1.0b-25 1088 ...Above subtrahend is 2.98023223876953125E-8
				1089 ...nearest is a tie, nearest even has greater magnitude 1090 *
00000008	00000001			1091 SBPRMCT EQU (*-SBFPINRM)/4/2 Count of short BFP rounding tests

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1093 **** 1094 * 1095 * Long BFP test data sets for Add testing. 1096 * 1097 * The first test data set is used for tests of basic functionality, 1098 * NaN propagation, and results from operations involving other than 1099 * finite numbers. 1100 *
				1101 * The second test data set is used for testing boundary conditions 1102 * using two finite non-zero values. Each possible condition code 1103 * and type of result (normal, scaled, etc) is created by members of 1104 * this test data set. 1105 *
				1106 * The third test data set is used for exhaustive testing of final 1107 * results across the five rounding modes available for the Add 1108 * instruction. 1109 *
				1110 ****
				1112 **** 1113 * 1114 * First input test data set, to test operations using non-finite or 1115 * zero inputs. Member values chosen to validate Figure 19-13 on page 1116 * 19-16 of SA22-7832-10. Each value in this table is tested against 1117 * every other value in the table. Ten entries means 100 result sets. 1118 * 1119 ****
00000964				1121 LBFPNFIN DS 0F Inputs for long BFP testing
00000964	FFF00000 00000000			1122 DC X'FFF000000000000' -inf
0000096C	C0000000 00000000			1123 DC X'C00000000000000' -2.0
00000974	80010000 00000000			1124 DC X'8001000000000000' -Dnice
0000097C	80000000 00000000			1125 DC X'8000000000000000' -0
00000984	00000000 00000000			1126 DC X'0000000000000000' +0
0000098C	00010000 00000000			1127 DC X'0001000000000000' +Dnice
00000994	40000000 00000000			1128 DC X'4000000000000000' +2.0
0000099C	7FF00000 00000000			1129 DC X'7FF0000000000000' +inf
000009A4	FFF8B000 00000000			1130 DC X'FFF8B0000000000' -QNaN
000009AC	7FF0A000 00000000			1131 DC X'7FF0A0000000000' +SNaN
		0000000A	00000001	1132 LBFPNFCT EQU (*-LBFPNFIN)/8 Count of long BFP in list
				1134 **** 1135 * 1136 * Second input test data set. These are finite pairs intended to 1137 * trigger overflow, underflow, and inexact exceptions. Each pair is 1138 * added twice, once non-trappable and once trappable. Trappable 1139 * overflow or underflow yields a scaled result. Trappable inexact 1140 * will show whether the Incremented DXC code is returned. 1141 * 1142 * The following test cases are required: 1143 * 1. Overflow 1144 * 2. Underflow - normal inputs

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1145 * 3. Underflow - subnormal inputs 1146 * 4. Normal - from subnormal inputs 1147 * 5. Inexact - incremented 1148 * 6. Inexact - truncated 1149 *
				1150 *****
000009B8				1152 LBFPIN DS 0D Inputs for long BFP finite tests 1153 * 1154 * Overflow on subtraction 1155 *
000009B8	7FFFFFFF FFFFFFFF			1156 DC X'7FFFFFFFFFFFFF' +Nmax 000009C0 FFFFFFFF FFFFFFFF
				1157 DC X'FFFFFFFFFFFFFF' +Nmax 1158 * 1159 * Underflow from difference of normals. We wil subtract a small 1160 * normal from a slightly larger normal to generate a subnormal. 1161 *
000009C8	001FFFFF FFFFFFFF			1162 DC X'001FFFFFFFFFFF' Very small normal number 000009D0 00100000 00000000
				1163 DC X'00100000000000' Smaller normal negative 1164 * 1165 * Underflow from difference of subnormals. 1166 *
000009D8	00080000 00000000			1167 DC X'00080000000000' Subnormal, < +Dmax 000009E0 0000F0F0 00000000
				1168 DC X'0000F0F0000000' Smaller subnormal 1169 * 1170 * Normal result from difference of subnormals. 1171 * The result will be greater than +Nmin 1172 *
000009E8	000FFFFF FFFFFFFF			1173 DC X'000FFFFFFFFFFF' +Dmax 000009F0 80000000 00000001
				1174 DC X'80000000000001' +Dmin, result will be +Nmin 1175 * 1176 * Subtract a value from 1.0 such that the added digits are to the right 1177 * of the right-most bit in the stored significand. The result will be 1178 * inexact, and incremented will be determined by the value of the 1179 * bits in the subtrahend. 1180 *
000009F8	3FF00000 00000000			1181 DC X'3FF00000000000' Minuend +1, aka 1.0b0 00000A00 3C800000 00000000
				1182 DC X'3C800000000000' Subtrahend 1.0b-55 1183 *..Above subtrahend is 2.77555756156289135105907917022705078125E-17 1184 *..nearest is away from zero, incremented. 1185 *
00000A08	3FF00000 00000000			1186 DC X'3FF00000000000' Minuend +1, aka 1.0b0 00000A10 3C920000 00000000
				1187 DC X'3C920000000000' Subtrahend +1.001b-54 1188 *..Above subtrahend is 6.2450045135165055398829281330108642578125E-17 1189 *..nearest is toward zero, truncated. 1190 *
	00000006	00000001		1191 LBFPCT EQU (*-LBFPIN)/8/2 Count of long BFP in list
				1193 ***** 1194 * 1195 * Third input test data set. These are finite pairs intended to 1196 * test all combinations of rounding mode for the difference and the 1197 * remainder. Values are chosen to create a requirement to round

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1198 * to the target precision after the computation and to generate 1199 * varying results depending on the rounding mode in the FPCR. 1200 *
				1201 * The result set will have cases that represent each of the following 1202 *
				1203 * 1. Positive, nearest magnitude is toward zero. 1204 * 2. Negative, nearest magnitude is toward zero. 1205 * 3. Positive, nearest magnitude is away from zero. 1206 * 4. Negative, nearest magnitude is away from zero. 1207 * 5. Positive, tie, nearest even has greater magnitude 1208 * 6. Negative, tie, nearest even has greater magnitude 1209 * 7. Positive, tie, nearest even has lower magnitude 1210 * 8. Negative, tie, nearest even has lower magnitude 1211 *
				1212 * Round For Shorter precision correctness can be determined from the 1213 * above test cases. 1214 *
				1215 *****
00000A18				1217 LBFPINRM DS 0F 1218 * 1219 * Subtract a value from 1.0 such that the added digits are to the right 1220 * of the right-most bit in the stored significand. The result will be 1221 * inexact, and incremented will be determined by the value of the 1222 * bits in the subtrahend. 1223 *
00000A18	3FF00000 00000000			1224 DC X'3FF0000000000000' Minuend +1, aka +1.0b0
00000A20	3C920000 00000000			1225 DC X'3C92000000000000' Subtrahend +1.001b-54
00000A28	BFF00000 00000000			1226 DC X'BFF000000000000' Minuend -1, aka -1.0b0
00000A30	BC920000 00000000			1227 DC X'BC92000000000000' Subtrahend +1.001b-54 1228 *..Above subtrahend is 6.2450045135165055398829281330108642578125E-17 1229 *.. 30859375E-16,nearest is toward zero, truncated. 1230 *
00000A38	3FF00000 00000000			1231 DC X'3FF0000000000000' Minuend +1, aka +1.0b0
00000A40	3C800000 00000000			1232 DC X'3C80000000000000' Subtrahend 1.0b-55
00000A48	BFF00000 00000000			1233 DC X'BFF000000000000' Minuend -1, aka -1.0b0
00000A50	BC800000 00000000			1234 DC X'BC80000000000000' Subtrahend 1.0b-55 1235 *..Above subtrahend is 2.77555756156289135105907917022705078125E-17 1236 *..nearest is away from zero, incremented. 1237 *
00000A58	3FF00000 00000000			1238 DC X'3FF0000000000000' Minuend +1, aka +1.0b0
00000A60	3CA80000 00000000			1239 DC X'3CA8000000000000' Subtrahend +1.1b-53
00000A68	BFF00000 00000000			1240 DC X'BFF000000000000' Minuend -1, aka -1.0b0
00000A70	BCA80000 00000000			1241 DC X'BCA8000000000000' Subtrahend -1.1b-53 1242 *..Above subtrahend is 1.66533453693773481063544750213623046875E-16 1243 *..nearest is a tie, nearest even has lower magnitude 1244 *
00000A78	3FF00000 00000000			1245 DC X'3FF0000000000000' Minuend +1, aka +1.0b0
00000A80	3C900000 00000000			1246 DC X'3C90000000000000' Subtrahend +1.0b-54
00000A88	BFF00000 00000000			1247 DC X'BFF000000000000' Minuend -1, aka -1.0b0
00000A90	BC900000 00000000			1248 DC X'BC90000000000000' Subtrahend -1.0b-54 1249 *..Above subtrahend is 5.5511151231257827021181583404541015625E-17 1250 *..nearest is a tie, nearest even has greater magnitude 1251 *
00000008	00000001			1252 LBPRMCT EQU (*-LBFPINRM)/8/2 Count of long BFP rounding tests

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1254 **** 1255 * 1256 * Extended BFP test data sets for Add testing. 1257 * 1258 * The first test data set is used for tests of basic functionality, 1259 * NaN propagation, and results from operations involving other than 1260 * finite numbers. 1261 * 1262 * The second test data set is used for testing boundary conditions 1263 * using two finite non-zero values. Each possible condition code 1264 * and type of result (normal, scaled, etc) is created by members of 1265 * this test data set. 1266 * 1267 * The third test data set is used for exhaustive testing of final 1268 * results across the five rounding modes available for the Add 1269 * instruction. 1270 * 1271 ****
				1273 **** 1274 * 1275 * First input test data set, to test operations using non-finite or 1276 * zero inputs. Member values chosen to validate Figure 19-13 on page 1277 * 19-16 of SA22-7832-10. Each value in this table is tested against 1278 * every other value in the table. Ten entries means 100 result sets. 1279 * 1280 ****
00000A98 00000A98 00000AA8 00000AB8 00000AC8 00000AD8 00000AE8 00000AF8 00000B08 00000B18 00000B28	FFFF0000 00000000 C0000000 00000000 80001000 00000000 80000000 00000000 00000000 00000000 00001000 00000000 00001000 00000000 40000000 00000000 7FFF0000 00000000 FFFF8B00 00000000 7FFF0A00 00000000			1282 XBFPNFIN DS 0F Inputs for extended BFP testing 1283 DC X'FFFF0000000000000000000000000000' -inf 1284 DC X'C0000000000000000000000000000000' -2.0 1285 DC X'80001000000000000000000000000000' -Dnice 1286 DC X'80000000000000000000000000000000' -0 1287 DC X'00000000000000000000000000000000' +0 1288 DC X'00001000000000000000000000000000' +Dnice 1289 DC X'40000000000000000000000000000000' +2.0 1290 DC X'7FFF0000000000000000000000000000' +inf 1291 DC X'FFFF8B00000000000000000000000000' -QNaN 1292 DC X'7FFF0A00000000000000000000000000' +SNaN
		0000000A	00000001	1293 XBFPNFCT EQU (*-XBFPNFIN)/16 Count of extended BFP in list
				1295 **** 1296 * 1297 * Second input test data set. These are finite pairs intended to 1298 * trigger overflow, underflow, and inexact exceptions. Each pair is 1299 * added twice, once non-trappable and once trappable. Trappable 1300 * overflow or underflow yields a scaled result. Trappable inexact 1301 * will show whether the Incremented DXC code is returned. 1302 * 1303 * The following test cases are required: 1304 * The following test cases are required: 1305 * 1. Overflow

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1306 * 2. Underflow - normal inputs 1307 * 3. Underflow - subnormal inputs 1308 * 4. Normal - from subnormal inputs 1309 * 5. Inexact - incremented 1310 * 6. Inexact - truncated 1311 * 1312 *****
00000B38				1314 XBFPIN DS 0F Inputs for extended BFP finite tests 1315 * 1316 * Overflow on subtraction 1317 *
00000B38	7FFFFFF FFFFFFF			1318 DC X'7FFFFFFFFFFFFFFF' +Nmax 00000B48 FFFFFFF FFFFFFF
				1319 DC X'FFFFFFFFFFFFFFF' +Nmax 1320 * 1321 * Underflow from difference of normals. We will subtract a small 1322 * normal from a slightly larger normal to generate a subnormal. 1323 *
00000B58	0001FFFF FFFFFFF			1324 DC X'0001FFFFFFFFFFFFFF' Very small normal 00000B68 00010000 0000000
				1325 DC X'00010000000000000000000000000000' Smaller normal 1326 * 1327 * Underflow from difference of subnormals.
00000B78	00008000 0000000			1328 * 00000B88 00000F0F 0000000
				1329 DC X'00008000000000000000000000000000' Subnormal, < +Dmax 1330 DC X'00000F0F000000000000000000000000' Smaller subnormal 1331 * 1332 * Normal result from difference of subnormals. 1333 * The result will be greater than +Nmin
00000B98	0000FFFF FFFFFFF			1334 * 00000BA8 80000000 0000000
				1335 DC X'0000FFFFFFFFFFFFFF' +Dmax 1336 DC X'80000000000000000000000000000001' -Dmin 1337 * ...result will be +Nmin 1338 * 1339 * Subtract a value from 1.0 such that the added digits are to the right 1340 * of the right-most bit in the stored significand. The result will be 1341 * inexact, and incremented will be determined by the value of the 1342 * bits in the subtrahend.
00000BB8	3FFF0000 0000000			1343 * 00000BC8 3F8C0000 0000000
				1344 DC X'3FFF0000000000000000000000000000' +1, aka 1.0b0 1345 DC X'3F8C0000000000000000000000000000' 1.0b-115 1346 *. Above subtrahend is 2.407412430484044816319972428231159148172627... 1347 * ...06026923524404992349445819854736328125E-35 1348 *. nearest is away from zero, incremented.
00000BD8	3FFF0000 0000000			1349 * 00000BE8 3F8D2000 0000000
				1350 DC X'3FFF0000000000000000000000000000' +1, aka 1.0b0 1351 DC X'3F8D2000000000000000000000000000' 1.001b-114 1352 *. Above subtrahend is 5.416677968589100836719937963520108083388410... 1353 * ...8856057792991123278625309467315673828125E-35 1354 *. nearest is toward zero, truncated 1355 *
	00000006	00000001		1356 XBFPCT EQU (*-XBFPIN)/16/2 Count of extended BFP in list
				1358 *****

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				1359 *
				1360 * Third input test data set. These are finite pairs intended to
				1361 * test all combinations of rounding mode for the difference and the
				1362 * remainder. Values are chosen to create a requirement to round
				1363 * to the target precision after the computation and to generate
				1364 * varying results depending on the rounding mode in the FPCR.
				1365 *
				1366 * The result set will have cases that represent each of the following
				1367 *
				1368 * 1. Positive, nearest magnitude is toward zero.
				1369 * 2. Negative, nearest magnitude is toward zero.
				1370 * 3. Positive, nearest magnitude is away from zero.
				1371 * 4. Negative, nearest magnitude is away from zero.
				1372 * 5. Positive, tie, nearest even has greater magnitude
				1373 * 6. Negative, tie, nearest even has greater magnitude
				1374 * 7. Positive, tie, nearest even has lower magnitude
				1375 * 8. Negative, tie, nearest even has lower magnitude
				1376 *
				1377 * Round For Shorter precision correctness can be determined from the
				1378 * above test cases.
				1379 *
				1380 *****
00000BF8				1382 XBFPINRM DS 0D
				1383 *
				1384 * Subtract a value from 1.0 such that the added digits are to the right
				1385 * of the right-most bit in the stored significand. The result will be
				1386 * inexact, and incremented will be determined by the value of the
				1387 * bits in the subtrahend.
				1388 *
00000BF8	3FFF0000 00000000			1389 DC X'3FFF0000000000000000000000000000' +1, aka +1.0b0
00000C08	3F8D2000 00000000			1390 DC X'3F8D2000000000000000000000000000' 1.001b-114
00000C18	BFFF0000 00000000			1391 DC X'BFFF0000000000000000000000000000' -1, aka -1.0b0
00000C28	BF8D2000 00000000			1392 DC X'BF8D2000000000000000000000000000' 1.001b-114
				1393 .. Above subtrahend is 5.416677968589100836719937963520108083388410...
				1394 * ...8856057792991123278625309467315673828125E-35
				1395 .. nearest is toward zero
				1396 *
00000C38	3FFF0000 00000000			1397 DC X'3FFF0000000000000000000000000000' +1, aka +1.0b0
00000C48	3F8C0000 00000000			1398 DC X'3F8C0000000000000000000000000000' 1.0b-115
00000C58	BFFF0000 00000000			1399 DC X'BFFF0000000000000000000000000000' -1, aka -1.0b0
00000C68	BF8C0000 00000000			1400 DC X'BF8C0000000000000000000000000000' 1.0b-115
				1401 .. Above subtrahend is 2.407412430484044816319972428231159148172627...
				1402 * ...06026923524404992349445819854736328125E-35
				1403 .. nearest is away from zero
				1404 *
00000C78	3FFF0000 00000000			1405 DC X'3FFF0000000000000000000000000000' +1, aka +1.0b0
00000C88	3F8E8000 00000000			1406 DC X'3F8E8000000000000000000000000000' +1.1b-113
00000C98	BFFF0000 00000000			1407 DC X'BFFF0000000000000000000000000000' -1, aka -1.0b0
00000CA8	BF8E8000 00000000			1408 DC X'BF8E8000000000000000000000000000' -1.0b-114
				1409 .. Above subtrahend is 1.444447458290426889791983456938695488903576...
				1410 * ...23616154114642995409667491912841796875E-34
				1411 .. nearest is a tie, nearest even has lower magnitude
				1412 *
00000CB8	3FFF0000 00000000			1413 DC X'3FFF0000000000000000000000000000' +1, aka +1.0b0

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00000CC8	3F8D0000 00000000			1414 DC X'3F8D0000000000000000000000000000' +1.0b-114
00000CD8	BFFF0000 00000000			1415 DC X'BFFF0000000000000000000000000000' -1, aka -1.0b0
00000CE8	BF8D0000 00000000			1416 DC X'BF8D0000000000000000000000000000' -1.0b-114
				1417 *. Above subtrahend is 4.814824860968089632639944856462318296345254...
				1418 * ...1205384704880998469889163970947265625E-35
				1419 *. nearest is a tie, nearest even has greater magnitude
				1420 *
	00000008	00000001	1421 XBFPRMCT EQU	(*-XBFPINRM)/16/2 Count of long BFP rounding tests

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				1423 ****	*****
				1424 *	ACTUAL results saved here
				1425 ****	*****
				1426 *	
				1427 *	Locations for ACTUAL results
				1428 *	
	00001000	00000001	1429 SBFPNFOT EQU	STRTLABL+X'1000'	Short non-finite BFP results ..room for 110 tests, 100 used
			1430 *		FPCR flags and DXC from short BFP
	00001700	00000001	1431 SBFPNFFL EQU	STRTLABL+X'1700'	..room for 110 tests, 100 used
			1432 *		
			1433 *		
	00001E00	00000001	1434 SBFPOUT EQU	STRTLABL+X'1E00'	Short BFP finite results
			1435 *		..room for 16 tests, 6 used
	00001F00	00000001	1436 SBFPFLGS EQU	STRTLABL+X'1F00'	FPCR flags and DXC from short BFP
			1437 *		..room for 16 tests, 6 used
			1438 *		
	00002000	00000001	1439 SBFPRMO EQU	STRTLABL+X'2000'	Short BFP rounding mode test results
			1440 *		..Room for 16, 8 used.
	00002300	00000001	1441 SBFPRMOF EQU	STRTLABL+X'2300'	Short BFP rounding mode FPCR results
			1442 *		..Room for 16, 8 used.
			1443 *		..next location starts at X'2500'
			1444 *		
	00004000	00000001	1445 LBFPNFOT EQU	STRTLABL+X'4000'	Long non-finite BFP results
			1446 *		..room for 100 tests, 100 used
	00004D00	00000001	1447 LBFPNFFL EQU	STRTLABL+X'4D00'	FPCR flags and DXC from long BFP
			1448 *		..room for 100 tests, 100 used
			1449 *		
	00005400	00000001	1450 LBFPOUT EQU	STRTLABL+X'5400'	Long BFP finite results
			1451 *		..room for 16 tests, 6 used
	00005600	00000001	1452 LBFPFLGS EQU	STRTLABL+X'5600'	FPCR flags and DXC from long BFP
			1453 *		..room for 16 tests, 6 used
			1454 *		
	00005700	00000001	1455 LBFPRMO EQU	STRTLABL+X'5700'	Long BFP rounding mode test results
			1456 *		..Room for 16, 8 used.
	00005C00	00000001	1457 LBFPRMOF EQU	STRTLABL+X'5C00'	Long BFP rounding mode FPCR results
			1458 *		..Room for 16, 8 used.
			1459 *		..next location starts at X'5E00'
			1460 *		
	00008000	00000001	1461 XBFPNFOT EQU	STRTLABL+X'8000'	Extended non-finite BFP results
			1462 *		..room for 100 tests, 100 used
	00008D00	00000001	1463 XBFPNFFL EQU	STRTLABL+X'8D00'	FPCR flags and DXC from ext'd BFP
			1464 *		..room for 100 tests, 100 used
			1465 *		
	00009400	00000001	1466 XBFPOUT EQU	STRTLABL+X'9400'	Extended BFP finite results
			1467 *		..room for 16 tests, 6 used
	00009600	00000001	1468 XBFPFLGS EQU	STRTLABL+X'9600'	FPCR flags and DXC from ext'd BFP
			1469 *		..room for 16 tests, 6 used
			1470 *		
	00009700	00000001	1471 XBFPRMO EQU	STRTLABL+X'9700'	Ext'd BFP rounding mode test results
			1472 *		..Room for 16, 8 used.
	00009C00	00000001	1473 XBFPRMOF EQU	STRTLABL+X'9C00'	Ext'd BFP rounding mode FPCR results
			1474 *		..Room for 16, 8 used.
			1475 *		..next location starts at X'9E00'
			1476 *		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000B630	80010000 DD000000			1534 DC XL16 '80010000DD00000080010000DD000000'
0000B640	E2C5C2D9 61E2C5C2			1535 DC CL48 'SEBR/SEB NF -Dnice/+Dnice'
0000B670	80020000 DD800000			1536 DC XL16 '80020000DD80000080020000DD800000'
0000B680	E2C5C2D9 61E2C5C2			1537 DC CL48 'SEBR/SEB NF -Dnice/+2.0'
0000B6B0	C0000000 C0000000			1538 DC XL16 'C0000000C0000000C0000000C0000000'
0000B6C0	E2C5C2D9 61E2C5C2			1539 DC CL48 'SEBR/SEB NF -Dnice/+inf'
0000B6F0	FF800000 FF800000			1540 DC XL16 'FF800000FF800000FF800000FF800000'
0000B700	E2C5C2D9 61E2C5C2			1541 DC CL48 'SEBR/SEB NF -Dnice/-QNaN'
0000B730	FFCB0000 FFCB0000			1542 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000B740	E2C5C2D9 61E2C5C2			1543 DC CL48 'SEBR/SEB NF -Dnice/+SNaN'
0000B770	7FCA0000 80010000			1544 DC XL16 '7FCA0000800100007FCA000080010000'
0000B780	E2C5C2D9 61E2C5C2			1545 DC CL48 'SEBR/SEB NF -0/-inf'
0000B7B0	7F800000 7F800000			1546 DC XL16 '7F800007F800007F800007F800000'
0000B7C0	E2C5C2D9 61E2C5C2			1547 DC CL48 'SEBR/SEB NF -0/-2.0'
0000B7F0	40000000 40000000			1548 DC XL16 '40000000400000004000000040000000'
0000B800	E2C5C2D9 61E2C5C2			1549 DC CL48 'SEBR/SEB NF -0/-Dnice'
0000B830	00010000 5D000000			1550 DC XL16 '000100005D00000000100005D000000'
0000B840	E2C5C2D9 61E2C5C2			1551 DC CL48 'SEBR/SEB NF -0/-0'
0000B870	00000000 00000000			1552 DC XL16 '00000000000000000000000000000000'
0000B880	E2C5C2D9 61E2C5C2			1553 DC CL48 'SEBR/SEB NF -0/+0'
0000B8B0	80000000 80000000			1554 DC XL16 '8000000800000008000000080000000'
0000B8C0	E2C5C2D9 61E2C5C2			1555 DC CL48 'SEBR/SEB NF -0/+Dnice'
0000B8F0	80010000 DD000000			1556 DC XL16 '80010000DD00000080010000DD000000'
0000B900	E2C5C2D9 61E2C5C2			1557 DC CL48 'SEBR/SEB NF -0/+2.0'
0000B930	C0000000 C0000000			1558 DC XL16 'C0000000C0000000C0000000C0000000'
0000B940	E2C5C2D9 61E2C5C2			1559 DC CL48 'SEBR/SEB NF -0/+inf'
0000B970	FF800000 FF800000			1560 DC XL16 'FF80000FF80000FF80000FF800000'
0000B980	E2C5C2D9 61E2C5C2			1561 DC CL48 'SEBR/SEB NF -0/-QNaN'
0000B9B0	FFCB0000 FFCB0000			1562 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000B9C0	E2C5C2D9 61E2C5C2			1563 DC CL48 'SEBR/SEB NF -0/+SNaN'
0000B9F0	7FCA0000 80000000			1564 DC XL16 '7FCA0000800000007FCA000080000000'
0000BA00	E2C5C2D9 61E2C5C2			1565 DC CL48 'SEBR/SEB NF +0/-inf'
0000BA30	7F800000 7F800000			1566 DC XL16 '7F800007F800007F800007F800000'
0000BA40	E2C5C2D9 61E2C5C2			1567 DC CL48 'SEBR/SEB NF +0/-2.0'
0000BA70	40000000 40000000			1568 DC XL16 '4000000400000004000000040000000'
0000BA80	E2C5C2D9 61E2C5C2			1569 DC CL48 'SEBR/SEB NF +0/-Dnice'
0000BAB0	00010000 5D000000			1570 DC XL16 '000100005D00000000100005D000000'
0000BAC0	E2C5C2D9 61E2C5C2			1571 DC CL48 'SEBR/SEB NF +0/-0'
0000BAF0	00000000 00000000			1572 DC XL16 '00000000000000000000000000000000'
0000BB00	E2C5C2D9 61E2C5C2			1573 DC CL48 'SEBR/SEB NF +0/+0'
0000BB30	00000000 00000000			1574 DC XL16 '00000000000000000000000000000000'
0000BB40	E2C5C2D9 61E2C5C2			1575 DC CL48 'SEBR/SEB NF +0/+Dnice'
0000BB70	80010000 DD000000			1576 DC XL16 '80010000DD00000080010000DD000000'
0000BB80	E2C5C2D9 61E2C5C2			1577 DC CL48 'SEBR/SEB NF +0/+2.0'
0000BBB0	C0000000 C0000000			1578 DC XL16 'C0000000C0000000C0000000C0000000'
0000BBC0	E2C5C2D9 61E2C5C2			1579 DC CL48 'SEBR/SEB NF +0/+inf'
0000BBF0	FF800000 FF800000			1580 DC XL16 'FF80000FF80000FF80000FF800000'
0000BC00	E2C5C2D9 61E2C5C2			1581 DC CL48 'SEBR/SEB NF +0/-QNaN'
0000BC30	FFCB0000 FFCB0000			1582 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000BC40	E2C5C2D9 61E2C5C2			1583 DC CL48 'SEBR/SEB NF +0/+SNaN'
0000BC70	7FCA0000 00000000			1584 DC XL16 '7FCA0000000000007FCA000000000000'
0000BC80	E2C5C2D9 61E2C5C2			1585 DC CL48 'SEBR/SEB NF +Dnice/-inf'
0000BCB0	7F800000 7F800000			1586 DC XL16 '7F800007F800007F800007F800000'
0000BCC0	E2C5C2D9 61E2C5C2			1587 DC CL48 'SEBR/SEB NF +Dnice/-2.0'
0000BCF0	40000000 40000000			1588 DC XL16 '4000000400000004000000040000000'
0000BD00	E2C5C2D9 61E2C5C2			1589 DC CL48 'SEBR/SEB NF +Dnice/-Dnice'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000BD30	00020000 5D800000			1590 DC XL16 '000200005D800000000200005D800000'
0000BD40	E2C5C2D9 61E2C5C2			1591 DC CL48 'SEBR/SEB NF +Dnice/-0'
0000BD70	00010000 5D000000			1592 DC XL16 '000100005D000000000100005D000000'
0000BD80	E2C5C2D9 61E2C5C2			1593 DC CL48 'SEBR/SEB NF +Dnice/+0'
0000BDB0	00010000 5D000000			1594 DC XL16 '000100005D000000000100005D000000'
0000BDC0	E2C5C2D9 61E2C5C2			1595 DC CL48 'SEBR/SEB NF +Dnice/+Dnice'
0000BDF0	00000000 00000000			1596 DC XL16 '00000000000000000000000000000000'
0000BE00	E2C5C2D9 61E2C5C2			1597 DC CL48 'SEBR/SEB NF +Dnice/+2.0'
0000BE30	C0000000 C0000000			1598 DC XL16 'C0000000C0000000C0000000C0000000'
0000BE40	E2C5C2D9 61E2C5C2			1599 DC CL48 'SEBR/SEB NF +Dnice/+inf'
0000BE70	FF800000 FF800000			1600 DC XL16 'FF800000FF800000FF800000FF800000'
0000BE80	E2C5C2D9 61E2C5C2			1601 DC CL48 'SEBR/SEB NF +Dnice/-QNaN'
0000BEBO	FFCB0000 FFCB0000			1602 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000BEC0	E2C5C2D9 61E2C5C2			1603 DC CL48 'SEBR/SEB NF +Dnice/+SNaN'
0000BEF0	7FCA0000 00010000			1604 DC XL16 '7FCA0000000100007FCA00000010000'
0000BF00	E2C5C2D9 61E2C5C2			1605 DC CL48 'SEBR/SEB NF +2.0/-inf'
0000BF30	7F800000 7F800000			1606 DC XL16 '7F800007F800007F800007F800000'
0000BF40	E2C5C2D9 61E2C5C2			1607 DC CL48 'SEBR/SEB NF +2.0/-2.0'
0000BF70	40800000 40800000			1608 DC XL16 '40800004080000408000040800000'
0000BF80	E2C5C2D9 61E2C5C2			1609 DC CL48 'SEBR/SEB NF +2.0/-Dnice'
0000BFB0	40000000 40000000			1610 DC XL16 '40000004000000400000040000000'
0000BFC0	E2C5C2D9 61E2C5C2			1611 DC CL48 'SEBR/SEB NF +2.0/-0'
0000BFF0	40000000 40000000			1612 DC XL16 '40000004000000400000040000000'
0000C000	E2C5C2D9 61E2C5C2			1613 DC CL48 'SEBR/SEB NF +2.0/+0'
0000C030	40000000 40000000			1614 DC XL16 '40000004000000400000040000000'
0000C040	E2C5C2D9 61E2C5C2			1615 DC CL48 'SEBR/SEB NF +2.0/+Dnice'
0000C070	40000000 40000000			1616 DC XL16 '40000004000000400000040000000'
0000C080	E2C5C2D9 61E2C5C2			1617 DC CL48 'SEBR/SEB NF +2.0/+2.0'
0000C0B0	00000000 00000000			1618 DC XL16 '00000000000000000000000000000000'
0000C0C0	E2C5C2D9 61E2C5C2			1619 DC CL48 'SEBR/SEB NF +2.0/+inf'
0000C0F0	FF800000 FF800000			1620 DC XL16 'FF80000FF80000FF80000FF800000'
0000C100	E2C5C2D9 61E2C5C2			1621 DC CL48 'SEBR/SEB NF +2.0/-QNaN'
0000C130	FFCB0000 FFCB0000			1622 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C140	E2C5C2D9 61E2C5C2			1623 DC CL48 'SEBR/SEB NF +2.0/+SNaN'
0000C170	7FCA0000 40000000			1624 DC XL16 '7FCA000400000007FCA00040000000'
0000C180	E2C5C2D9 61E2C5C2			1625 DC CL48 'SEBR/SEB NF +inf/-inf'
0000C1B0	7F800000 7F800000			1626 DC XL16 '7F800007F800007F800007F800000'
0000C1C0	E2C5C2D9 61E2C5C2			1627 DC CL48 'SEBR/SEB NF +inf/-2.0'
0000C1F0	7F800000 7F800000			1628 DC XL16 '7F800007F800007F800007F800000'
0000C200	E2C5C2D9 61E2C5C2			1629 DC CL48 'SEBR/SEB NF +inf/-Dnice'
0000C230	7F800000 7F800000			1630 DC XL16 '7F800007F800007F800007F800000'
0000C240	E2C5C2D9 61E2C5C2			1631 DC CL48 'SEBR/SEB NF +inf/-0'
0000C270	7F800000 7F800000			1632 DC XL16 '7F800007F800007F800007F800000'
0000C280	E2C5C2D9 61E2C5C2			1633 DC CL48 'SEBR/SEB NF +inf/+0'
0000C2B0	7F800000 7F800000			1634 DC XL16 '7F800007F800007F800007F800000'
0000C2C0	E2C5C2D9 61E2C5C2			1635 DC CL48 'SEBR/SEB NF +inf/+Dnice'
0000C2F0	7F800000 7F800000			1636 DC XL16 '7F800007F800007F800007F800000'
0000C300	E2C5C2D9 61E2C5C2			1637 DC CL48 'SEBR/SEB NF +inf/+2.0'
0000C330	7F800000 7F800000			1638 DC XL16 '7F800007F800007F800007F800000'
0000C340	E2C5C2D9 61E2C5C2			1639 DC CL48 'SEBR/SEB NF +inf/+inf'
0000C370	7FC00000 7F800000			1640 DC XL16 '7FC00007F800007FC00007F800000'
0000C380	E2C5C2D9 61E2C5C2			1641 DC CL48 'SEBR/SEB NF +inf/-QNaN'
0000C3B0	FFCB0000 FFCB0000			1642 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C3C0	E2C5C2D9 61E2C5C2			1643 DC CL48 'SEBR/SEB NF +inf/+SNaN'
0000C3F0	7FCA0000 7F800000			1644 DC XL16 '7FCA0007F800007FCA0007F800000'
0000C400	E2C5C2D9 61E2C5C2			1645 DC CL48 'SEBR/SEB NF -QNaN/-inf'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000C430	FFCB0000 FFCB0000			1646 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C440	E2C5C2D9 61E2C5C2			1647 DC CL48 'SEBR/SEB NF -QNaN/-2.0'
0000C470	FFCB0000 FFCB0000			1648 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C480	E2C5C2D9 61E2C5C2			1649 DC CL48 'SEBR/SEB NF -QNaN/-Dnice'
0000C4B0	FFCB0000 FFCB0000			1650 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C4C0	E2C5C2D9 61E2C5C2			1651 DC CL48 'SEBR/SEB NF -QNaN/-0'
0000C4F0	FFCB0000 FFCB0000			1652 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C500	E2C5C2D9 61E2C5C2			1653 DC CL48 'SEBR/SEB NF -QNaN/+0'
0000C530	FFCB0000 FFCB0000			1654 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C540	E2C5C2D9 61E2C5C2			1655 DC CL48 'SEBR/SEB NF -QNaN/+Dnice'
0000C570	FFCB0000 FFCB0000			1656 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C580	E2C5C2D9 61E2C5C2			1657 DC CL48 'SEBR/SEB NF -QNaN/+2.0'
0000C5B0	FFCB0000 FFCB0000			1658 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C5C0	E2C5C2D9 61E2C5C2			1659 DC CL48 'SEBR/SEB NF -QNaN/+inf'
0000C5F0	FFCB0000 FFCB0000			1660 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C600	E2C5C2D9 61E2C5C2			1661 DC CL48 'SEBR/SEB NF -QNaN/-QNaN'
0000C630	FFCB0000 FFCB0000			1662 DC XL16 'FFCB0000FFCB0000FFCB0000FFCB0000'
0000C640	E2C5C2D9 61E2C5C2			1663 DC CL48 'SEBR/SEB NF -QNaN/+SNaN'
0000C670	7FCA0000 FFCB0000			1664 DC XL16 '7FCA0000FFCB00007FCA0000FFCB0000'
0000C680	E2C5C2D9 61E2C5C2			1665 DC CL48 'SEBR/SEB NF +SNaN/-inf'
0000C6B0	7FCA0000 7F8A0000			1666 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C6C0	E2C5C2D9 61E2C5C2			1667 DC CL48 'SEBR/SEB NF +SNaN/-2.0'
0000C6F0	7FCA0000 7F8A0000			1668 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C700	E2C5C2D9 61E2C5C2			1669 DC CL48 'SEBR/SEB NF +SNaN/-Dnice'
0000C730	7FCA0000 7F8A0000			1670 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C740	E2C5C2D9 61E2C5C2			1671 DC CL48 'SEBR/SEB NF +SNaN/-0'
0000C770	7FCA0000 7F8A0000			1672 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C780	E2C5C2D9 61E2C5C2			1673 DC CL48 'SEBR/SEB NF +SNaN/+0'
0000C7B0	7FCA0000 7F8A0000			1674 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C7C0	E2C5C2D9 61E2C5C2			1675 DC CL48 'SEBR/SEB NF +SNaN/+Dnice'
0000C7F0	7FCA0000 7F8A0000			1676 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C800	E2C5C2D9 61E2C5C2			1677 DC CL48 'SEBR/SEB NF +SNaN/+2.0'
0000C830	7FCA0000 7F8A0000			1678 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C840	E2C5C2D9 61E2C5C2			1679 DC CL48 'SEBR/SEB NF +SNaN/+inf'
0000C870	7FCA0000 7F8A0000			1680 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C880	E2C5C2D9 61E2C5C2			1681 DC CL48 'SEBR/SEB NF +SNaN/-QNaN'
0000C8B0	7FCA0000 7F8A0000			1682 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
0000C8C0	E2C5C2D9 61E2C5C2			1683 DC CL48 'SEBR/SEB NF +SNaN/+SNaN'
0000C8F0	7FCA0000 7F8A0000	00000064 00000001		1684 DC XL16 '7FCA00007F8A00007FCA00007F8A0000'
				1685 SBFPNFOT_NUM EQU (*-SBFPNFOT_GOOD)/64
				1686 *
		0000C900 00000001		1687 *
				1688 SBFPNFFL_GOOD EQU *
0000C900	E2C5C2D9 61E2C5C2			1689 DC CL48 'SEBR/SEB NF -inf/-inf FPCR'
0000C930	00800003 F8008003			1690 DC XL16 '00800003F800800300800003F8008003'
0000C940	E2C5C2D9 61E2C5C2			1691 DC CL48 'SEBR/SEB NF -inf/-2.0 FPCR'
0000C970	00000001 F8000001			1692 DC XL16 '00000001F800000100000001F8000001'
0000C980	E2C5C2D9 61E2C5C2			1693 DC CL48 'SEBR/SEB NF -inf/-Dnice FPCR'
0000C9B0	00000001 F8000001			1694 DC XL16 '00000001F800000100000001F8000001'
0000C9C0	E2C5C2D9 61E2C5C2			1695 DC CL48 'SEBR/SEB NF -inf/-0 FPCR'
0000C9F0	00000001 F8000001			1696 DC XL16 '00000001F800000100000001F8000001'
0000CA00	E2C5C2D9 61E2C5C2			1697 DC CL48 'SEBR/SEB NF -inf/+0 FPCR'
0000CA30	00000001 F8000001			1698 DC XL16 '00000001F800000100000001F8000001'
0000CA40	E2C5C2D9 61E2C5C2			1699 DC CL48 'SEBR/SEB NF -inf/+Dnice FPCR'
0000CA70	00000001 F8000001			1700 DC XL16 '00000001F800000100000001F8000001'
0000CA80	E2C5C2D9 61E2C5C2			1701 DC CL48 'SEBR/SEB NF -inf/+2.0 FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000CAB0	00000001 F8000001			1702 DC XL16 '00000001F800000100000001F8000001'
0000CAC0	E2C5C2D9 61E2C5C2			1703 DC CL48 'SEBR/SEB NF -inf/+inf FPCR'
0000CAF0	00000001 F8000001			1704 DC XL16 '00000001F800000100000001F8000001'
0000CB00	E2C5C2D9 61E2C5C2			1705 DC CL48 'SEBR/SEB NF -inf/-QNaN FPCR'
0000CB30	00000003 F8000003			1706 DC XL16 '00000003F800000300000003F8000003'
0000CB40	E2C5C2D9 61E2C5C2			1707 DC CL48 'SEBR/SEB NF -inf/+SNaN FPCR'
0000CB70	00800003 F8008003			1708 DC XL16 '00800003F800800300800003F8008003'
0000CB80	E2C5C2D9 61E2C5C2			1709 DC CL48 'SEBR/SEB NF -2.0/-inf FPCR'
0000CBB0	00000002 F8000002			1710 DC XL16 '00000002F800000200000002F8000002'
0000CBC0	E2C5C2D9 61E2C5C2			1711 DC CL48 'SEBR/SEB NF -2.0/-2.0 FPCR'
0000CBF0	00000000 F8000000			1712 DC XL16 '00000000F800000000000000F8000000'
0000CC00	E2C5C2D9 61E2C5C2			1713 DC CL48 'SEBR/SEB NF -2.0/-Dnice FPCR'
0000CC30	00080001 F8000C01			1714 DC XL16 '00080001F8000C0100080001F8000C01'
0000CC40	E2C5C2D9 61E2C5C2			1715 DC CL48 'SEBR/SEB NF -2.0/-0 FPCR'
0000CC70	00000001 F8000001			1716 DC XL16 '00000001F800000100000001F8000001'
0000CC80	E2C5C2D9 61E2C5C2			1717 DC CL48 'SEBR/SEB NF -2.0/+0 FPCR'
0000CCB0	00000001 F8000001			1718 DC XL16 '00000001F800000100000001F8000001'
0000CCC0	E2C5C2D9 61E2C5C2			1719 DC CL48 'SEBR/SEB NF -2.0/+Dnice FPCR'
0000CCF0	00080001 F8000801			1720 DC XL16 '00080001F800080100080001F8000801'
0000CD00	E2C5C2D9 61E2C5C2			1721 DC CL48 'SEBR/SEB NF -2.0/+2.0 FPCR'
0000CD30	00000001 F8000001			1722 DC XL16 '00000001F800000100000001F8000001'
0000CD40	E2C5C2D9 61E2C5C2			1723 DC CL48 'SEBR/SEB NF -2.0/+inf FPCR'
0000CD70	00000001 F8000001			1724 DC XL16 '00000001F800000100000001F8000001'
0000CD80	E2C5C2D9 61E2C5C2			1725 DC CL48 'SEBR/SEB NF -2.0/-QNaN FPCR'
0000CDB0	00000003 F8000003			1726 DC XL16 '00000003F800000300000003F8000003'
0000CDC0	E2C5C2D9 61E2C5C2			1727 DC CL48 'SEBR/SEB NF -2.0/+SNaN FPCR'
0000CDF0	00800003 F8008003			1728 DC XL16 '00800003F800800300800003F8008003'
0000CE00	E2C5C2D9 61E2C5C2			1729 DC CL48 'SEBR/SEB NF -Dnice/-inf FPCR'
0000CE30	00000002 F8000002			1730 DC XL16 '00000002F800000200000002F8000002'
0000CE40	E2C5C2D9 61E2C5C2			1731 DC CL48 'SEBR/SEB NF -Dnice/-2.0 FPCR'
0000CE70	00080002 F8000C02			1732 DC XL16 '00080002F8000C0200080002F8000C02'
0000CE80	E2C5C2D9 61E2C5C2			1733 DC CL48 'SEBR/SEB NF -Dnice/-Dnice FPCR'
0000CEB0	00000000 F8000000			1734 DC XL16 '00000000F800000000000000F8000000'
0000CEC0	E2C5C2D9 61E2C5C2			1735 DC CL48 'SEBR/SEB NF -Dnice/-0 FPCR'
0000CEF0	00000001 F8001001			1736 DC XL16 '00000001F800100100000001F8001001'
0000CF00	E2C5C2D9 61E2C5C2			1737 DC CL48 'SEBR/SEB NF -Dnice/+0 FPCR'
0000CF30	00000001 F8001001			1738 DC XL16 '00000001F800100100000001F8001001'
0000CF40	E2C5C2D9 61E2C5C2			1739 DC CL48 'SEBR/SEB NF -Dnice/+Dnice FPCR'
0000CF70	00000001 F8001001			1740 DC XL16 '00000001F800100100000001F8001001'
0000CF80	E2C5C2D9 61E2C5C2			1741 DC CL48 'SEBR/SEB NF -Dnice/+2.0 FPCR'
0000CFB0	00080001 F8000801			1742 DC XL16 '00080001F800080100080001F8000801'
0000CFC0	E2C5C2D9 61E2C5C2			1743 DC CL48 'SEBR/SEB NF -Dnice/+inf FPCR'
0000cff0	00000001 F8000001			1744 DC XL16 '00000001F800000100000001F8000001'
0000D000	E2C5C2D9 61E2C5C2			1745 DC CL48 'SEBR/SEB NF -Dnice/-QNaN FPCR'
0000D030	00000003 F8000003			1746 DC XL16 '00000003F800000300000003F8000003'
0000D040	E2C5C2D9 61E2C5C2			1747 DC CL48 'SEBR/SEB NF -Dnice/+SNaN FPCR'
0000D070	00800003 F8008003			1748 DC XL16 '00800003F800800300800003F8008003'
0000D080	E2C5C2D9 61E2C5C2			1749 DC CL48 'SEBR/SEB NF -0/-inf FPCR'
0000D0B0	00000002 F8000002			1750 DC XL16 '00000002F800000200000002F8000002'
0000D0C0	E2C5C2D9 61E2C5C2			1751 DC CL48 'SEBR/SEB NF -0/-2.0 FPCR'
0000D0F0	00000002 F8000002			1752 DC XL16 '00000002F800000200000002F8000002'
0000D100	E2C5C2D9 61E2C5C2			1753 DC CL48 'SEBR/SEB NF -0/-Dnice FPCR'
0000D130	00000002 F8001002			1754 DC XL16 '00000002F800100200000002F8001002'
0000D140	E2C5C2D9 61E2C5C2			1755 DC CL48 'SEBR/SEB NF -0/-0 FPCR'
0000D170	00000000 F8000000			1756 DC XL16 '00000000F800000000000000F8000000'
0000D180	E2C5C2D9 61E2C5C2			1757 DC CL48 'SEBR/SEB NF -0/+0 FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000D1B0	00000000 F8000000			1758 DC XL16 '0000000F800000000000000F8000000'
0000D1C0	E2C5C2D9 61E2C5C2			1759 DC CL48 'SEBR/SEB NF -0/+Dnice FPCR'
0000D1F0	00000001 F8001001			1760 DC XL16 '00000001F800100100000001F8001001'
0000D200	E2C5C2D9 61E2C5C2			1761 DC CL48 'SEBR/SEB NF -0/+2.0 FPCR'
0000D230	00000001 F8000001			1762 DC XL16 '00000001F800000100000001F8000001'
0000D240	E2C5C2D9 61E2C5C2			1763 DC CL48 'SEBR/SEB NF -0/+inf FPCR'
0000D270	00000001 F8000001			1764 DC XL16 '00000001F800000100000001F8000001'
0000D280	E2C5C2D9 61E2C5C2			1765 DC CL48 'SEBR/SEB NF -0/-QNaN FPCR'
0000D2B0	00000003 F8000003			1766 DC XL16 '00000003F800000300000003F8000003'
0000D2C0	E2C5C2D9 61E2C5C2			1767 DC CL48 'SEBR/SEB NF -0/+SNaN FPCR'
0000D2F0	00800003 F8008003			1768 DC XL16 '00800003F800800300800003F8008003'
0000D300	E2C5C2D9 61E2C5C2			1769 DC CL48 'SEBR/SEB NF +0/-inf FPCR'
0000D330	00000002 F8000002			1770 DC XL16 '00000002F800000200000002F8000002'
0000D340	E2C5C2D9 61E2C5C2			1771 DC CL48 'SEBR/SEB NF +0/-2.0 FPCR'
0000D370	00000002 F8000002			1772 DC XL16 '00000002F800000200000002F8000002'
0000D380	E2C5C2D9 61E2C5C2			1773 DC CL48 'SEBR/SEB NF +0/-Dnice FPCR'
0000D3B0	00000002 F8001002			1774 DC XL16 '00000002F800100200000002F8001002'
0000D3C0	E2C5C2D9 61E2C5C2			1775 DC CL48 'SEBR/SEB NF +0/-0 FPCR'
0000D3F0	00000000 F8000000			1776 DC XL16 '00000000F800000000000000F8000000'
0000D400	E2C5C2D9 61E2C5C2			1777 DC CL48 'SEBR/SEB NF +0/+0 FPCR'
0000D430	00000000 F8000000			1778 DC XL16 '00000000F800000000000000F8000000'
0000D440	E2C5C2D9 61E2C5C2			1779 DC CL48 'SEBR/SEB NF +0/+Dnice FPCR'
0000D470	00000001 F8001001			1780 DC XL16 '00000001F800100100000001F8001001'
0000D480	E2C5C2D9 61E2C5C2			1781 DC CL48 'SEBR/SEB NF +0/+2.0 FPCR'
0000D4B0	00000001 F8000001			1782 DC XL16 '00000001F800000100000001F8000001'
0000D4C0	E2C5C2D9 61E2C5C2			1783 DC CL48 'SEBR/SEB NF +0/+inf FPCR'
0000D4F0	00000001 F8000001			1784 DC XL16 '00000001F800000100000001F8000001'
0000D500	E2C5C2D9 61E2C5C2			1785 DC CL48 'SEBR/SEB NF +0/-QNaN FPCR'
0000D530	00000003 F8000003			1786 DC XL16 '00000003F800000300000003F8000003'
0000D540	E2C5C2D9 61E2C5C2			1787 DC CL48 'SEBR/SEB NF +0/+SNaN FPCR'
0000D570	00800003 F8008003			1788 DC XL16 '00800003F800800300800003F8008003'
0000D580	E2C5C2D9 61E2C5C2			1789 DC CL48 'SEBR/SEB NF +Dnice/-inf FPCR'
0000D5B0	00000002 F8000002			1790 DC XL16 '00000002F800000200000002F8000002'
0000D5C0	E2C5C2D9 61E2C5C2			1791 DC CL48 'SEBR/SEB NF +Dnice/-2.0 FPCR'
0000D5F0	00800002 F8000802			1792 DC XL16 '00080002F800080200080002F8000802'
0000D600	E2C5C2D9 61E2C5C2			1793 DC CL48 'SEBR/SEB NF +Dnice/-Dnice FPCR'
0000D630	00000002 F8001002			1794 DC XL16 '00000002F800100200000002F8001002'
0000D640	E2C5C2D9 61E2C5C2			1795 DC CL48 'SEBR/SEB NF +Dnice/-0 FPCR'
0000D670	00000002 F8001002			1796 DC XL16 '00000002F800100200000002F8001002'
0000D680	E2C5C2D9 61E2C5C2			1797 DC CL48 'SEBR/SEB NF +Dnice/+0 FPCR'
0000D6B0	00000002 F8001002			1798 DC XL16 '00000002F800100200000002F8001002'
0000D6C0	E2C5C2D9 61E2C5C2			1799 DC CL48 'SEBR/SEB NF +Dnice/+Dnice FPCR'
0000D6F0	00000000 F8000000			1800 DC XL16 '00000000F800000000000000F8000000'
0000D700	E2C5C2D9 61E2C5C2			1801 DC CL48 'SEBR/SEB NF +Dnice/+2.0 FPCR'
0000D730	00080001 F8000C01			1802 DC XL16 '00080001F8000C0100080001F8000C01'
0000D740	E2C5C2D9 61E2C5C2			1803 DC CL48 'SEBR/SEB NF +Dnice/+inf FPCR'
0000D770	00000001 F8000001			1804 DC XL16 '00000001F800000100000001F8000001'
0000D780	E2C5C2D9 61E2C5C2			1805 DC CL48 'SEBR/SEB NF +Dnice/-QNaN FPCR'
0000D7B0	00000003 F8000003			1806 DC XL16 '00000003F800000300000003F8000003'
0000D7C0	E2C5C2D9 61E2C5C2			1807 DC CL48 'SEBR/SEB NF +Dnice/+SNaN FPCR'
0000D7F0	00800003 F8008003			1808 DC XL16 '00800003F80080030080003F8008003'
0000D800	E2C5C2D9 61E2C5C2			1809 DC CL48 'SEBR/SEB NF +2.0/-inf FPCR'
0000D830	00000002 F8000002			1810 DC XL16 '00000002F800000200000002F8000002'
0000D840	E2C5C2D9 61E2C5C2			1811 DC CL48 'SEBR/SEB NF +2.0/-2.0 FPCR'
0000D870	00000002 F8000002			1812 DC XL16 '00000002F800000200000002F8000002'
0000D880	E2C5C2D9 61E2C5C2			1813 DC CL48 'SEBR/SEB NF +2.0/-Dnice FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000D8B0	00080002 F8000802			1814 DC XL16 '00080002F800080200080002F8000802'
0000D8C0	E2C5C2D9 61E2C5C2			1815 DC CL48 'SEBR/SEB NF +2.0/-0 FPCR'
0000D8F0	00000002 F8000002			1816 DC XL16 '00000002F800000200000002F8000002'
0000D900	E2C5C2D9 61E2C5C2			1817 DC CL48 'SEBR/SEB NF +2.0/+0 FPCR'
0000D930	00000002 F8000002			1818 DC XL16 '00000002F800000200000002F8000002'
0000D940	E2C5C2D9 61E2C5C2			1819 DC CL48 'SEBR/SEB NF +2.0/+Dnice FPCR'
0000D970	00080002 F8000C02			1820 DC XL16 '00080002F8000C0200080002F8000C02'
0000D980	E2C5C2D9 61E2C5C2			1821 DC CL48 'SEBR/SEB NF +2.0/+2.0 FPCR'
0000D9B0	00000000 F8000000			1822 DC XL16 '00000000F800000000000000F8000000'
0000D9C0	E2C5C2D9 61E2C5C2			1823 DC CL48 'SEBR/SEB NF +2.0/+inf FPCR'
0000D9F0	00000001 F8000001			1824 DC XL16 '00000001F800000100000001F8000001'
0000DA00	E2C5C2D9 61E2C5C2			1825 DC CL48 'SEBR/SEB NF +2.0/-QNaN FPCR'
0000DA30	00000003 F8000003			1826 DC XL16 '00000003F800000300000003F8000003'
0000DA40	E2C5C2D9 61E2C5C2			1827 DC CL48 'SEBR/SEB NF +2.0/+SNaN FPCR'
0000DA70	00800003 F8008003			1828 DC XL16 '00800003F800800300800003F8008003'
0000DA80	E2C5C2D9 61E2C5C2			1829 DC CL48 'SEBR/SEB NF +inf/-inf FPCR'
0000DAB0	00000002 F8000002			1830 DC XL16 '00000002F800000200000002F8000002'
0000DAC0	E2C5C2D9 61E2C5C2			1831 DC CL48 'SEBR/SEB NF +inf/-2.0 FPCR'
0000DAF0	00000002 F8000002			1832 DC XL16 '00000002F800000200000002F8000002'
0000DB00	E2C5C2D9 61E2C5C2			1833 DC CL48 'SEBR/SEB NF +inf/-Dnice FPCR'
0000DB30	00000002 F8000002			1834 DC XL16 '00000002F800000200000002F8000002'
0000DB40	E2C5C2D9 61E2C5C2			1835 DC CL48 'SEBR/SEB NF +inf/-0 FPCR'
0000DB70	00000002 F8000002			1836 DC XL16 '00000002F800000200000002F8000002'
0000DB80	E2C5C2D9 61E2C5C2			1837 DC CL48 'SEBR/SEB NF +inf/+0 FPCR'
0000DBB0	00000002 F8000002			1838 DC XL16 '00000002F800000200000002F8000002'
0000DBC0	E2C5C2D9 61E2C5C2			1839 DC CL48 'SEBR/SEB NF +inf/+Dnice FPCR'
0000DBF0	00000002 F8000002			1840 DC XL16 '00000002F800000200000002F8000002'
0000DC00	E2C5C2D9 61E2C5C2			1841 DC CL48 'SEBR/SEB NF +inf/+2.0 FPCR'
0000DC30	00000002 F8000002			1842 DC XL16 '00000002F800000200000002F8000002'
0000DC40	E2C5C2D9 61E2C5C2			1843 DC CL48 'SEBR/SEB NF +inf/+inf FPCR'
0000DC70	00800003 F8008003			1844 DC XL16 '00800003F800800300800003F8008003'
0000DC80	E2C5C2D9 61E2C5C2			1845 DC CL48 'SEBR/SEB NF +inf/-QNaN FPCR'
0000DCB0	00000003 F8000003			1846 DC XL16 '00000003F800000300000003F8000003'
0000DCC0	E2C5C2D9 61E2C5C2			1847 DC CL48 'SEBR/SEB NF +inf/+SNaN FPCR'
0000DCF0	00800003 F8008003			1848 DC XL16 '00800003F800800300800003F8008003'
0000DD00	E2C5C2D9 61E2C5C2			1849 DC CL48 'SEBR/SEB NF -QNaN/-inf FPCR'
0000DD30	00000003 F8000003			1850 DC XL16 '00000003F800000300000003F8000003'
0000DD40	E2C5C2D9 61E2C5C2			1851 DC CL48 'SEBR/SEB NF -QNaN/-2.0 FPCR'
0000DD70	00000003 F8000003			1852 DC XL16 '00000003F800000300000003F8000003'
0000DD80	E2C5C2D9 61E2C5C2			1853 DC CL48 'SEBR/SEB NF -QNaN/-Dnice FPCR'
0000DDB0	00000003 F8000003			1854 DC XL16 '00000003F800000300000003F8000003'
0000DDC0	E2C5C2D9 61E2C5C2			1855 DC CL48 'SEBR/SEB NF -QNaN/-0 FPCR'
0000DDF0	00000003 F8000003			1856 DC XL16 '00000003F800000300000003F8000003'
0000DE00	E2C5C2D9 61E2C5C2			1857 DC CL48 'SEBR/SEB NF -QNaN/+0 FPCR'
0000DE30	00000003 F8000003			1858 DC XL16 '00000003F800000300000003F8000003'
0000DE40	E2C5C2D9 61E2C5C2			1859 DC CL48 'SEBR/SEB NF -QNaN/+Dnice FPCR'
0000DE70	00000003 F8000003			1860 DC XL16 '00000003F800000300000003F8000003'
0000DE80	E2C5C2D9 61E2C5C2			1861 DC CL48 'SEBR/SEB NF -QNaN/+2.0 FPCR'
0000DEB0	00000003 F8000003			1862 DC XL16 '00000003F800000300000003F8000003'
0000DEC0	E2C5C2D9 61E2C5C2			1863 DC CL48 'SEBR/SEB NF -QNaN/+inf FPCR'
0000DEF0	00000003 F8000003			1864 DC XL16 '00000003F800000300000003F8000003'
0000DF00	E2C5C2D9 61E2C5C2			1865 DC CL48 'SEBR/SEB NF -QNaN/-QNaN FPCR'
0000DF30	00000003 F8000003			1866 DC XL16 '00000003F800000300000003F8000003'
0000DF40	E2C5C2D9 61E2C5C2			1867 DC CL48 'SEBR/SEB NF -QNaN/+SNaN FPCR'
0000DF70	00800003 F8008003			1868 DC XL16 '00800003F800800300800003F8008003'
0000DF80	E2C5C2D9 61E2C5C2			1869 DC CL48 'SEBR/SEB NF +SNaN/-inf FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000DFB0	00800003 F8008003			1870 DC XL16 '00800003F800800300800003F8008003'
0000DFC0	E2C5C2D9 61E2C5C2			1871 DC CL48 'SEBR/SEB NF +SNaN/-2.0 FPCR'
0000DFF0	00800003 F8008003			1872 DC XL16 '00800003F800800300800003F8008003'
0000E000	E2C5C2D9 61E2C5C2			1873 DC CL48 'SEBR/SEB NF +SNaN/-Dnice FPCR'
0000E030	00800003 F8008003			1874 DC XL16 '00800003F800800300800003F8008003'
0000E040	E2C5C2D9 61E2C5C2			1875 DC CL48 'SEBR/SEB NF +SNaN/-0 FPCR'
0000E070	00800003 F8008003			1876 DC XL16 '00800003F800800300800003F8008003'
0000E080	E2C5C2D9 61E2C5C2			1877 DC CL48 'SEBR/SEB NF +SNaN/+0 FPCR'
0000E0B0	00800003 F8008003			1878 DC XL16 '00800003F800800300800003F8008003'
0000E0C0	E2C5C2D9 61E2C5C2			1879 DC CL48 'SEBR/SEB NF +SNaN/+Dnice FPCR'
0000E0F0	00800003 F8008003			1880 DC XL16 '00800003F800800300800003F8008003'
0000E100	E2C5C2D9 61E2C5C2			1881 DC CL48 'SEBR/SEB NF +SNaN/+2.0 FPCR'
0000E130	00800003 F8008003			1882 DC XL16 '00800003F800800300800003F8008003'
0000E140	E2C5C2D9 61E2C5C2			1883 DC CL48 'SEBR/SEB NF +SNaN/+inf FPCR'
0000E170	00800003 F8008003			1884 DC XL16 '00800003F800800300800003F8008003'
0000E180	E2C5C2D9 61E2C5C2			1885 DC CL48 'SEBR/SEB NF +SNaN/-QNaN FPCR'
0000E1B0	00800003 F8008003			1886 DC XL16 '00800003F800800300800003F8008003'
0000E1C0	E2C5C2D9 61E2C5C2			1887 DC CL48 'SEBR/SEB NF +SNaN/+SNaN FPCR'
0000E1F0	00800003 F8008003	00000064 00000001		1888 DC XL16 '00800003F800800300800003F8008003'
				1889 SBFPNFFL_NUM EQU (*-SBFPNFFL_GOOD)/64
				1890 *
				1891 *
		0000E200 00000001		1892 SBFPOUT_GOOD EQU *
0000E200	E2C5C2D9 61E2C5C2			1893 DC CL48 'SEBR/SEB F Ovfl'
0000E230	7F800000 1FFFFFFF			1894 DC XL16 '7F800001FFFFFFFFFF7F800001FFFFFFFFFF'
0000E240	E2C5C2D9 61E2C5C2			1895 DC CL48 'SEBR/SEB F Ufl 1'
0000E270	007FFFFF 607FFFFE			1896 DC XL16 '007FFFF607FFFFE007FFFF607FFFFE'
0000E280	E2C5C2D9 61E2C5C2			1897 DC CL48 'SEBR/SEB F Ufl 2'
0000E2B0	0003F0F1 5DFC3C40			1898 DC XL16 '0003F0F15DFC3C400003F0F15DFC3C40'
0000E2C0	E2C5C2D9 61E2C5C2			1899 DC CL48 'SEBR/SEB F Nmin'
0000E2F0	00800000 00800000			1900 DC XL16 '00800000080000008000000080000000'
0000E300	E2C5C2D9 61E2C5C2			1901 DC CL48 'SEBR/SEB F Incr'
0000E330	3F800000 3F800000			1902 DC XL16 '3F800003F800003F800003F800000'
0000E340	E2C5C2D9 61E2C5C2			1903 DC CL48 'SEBR/SEB F Trun'
0000E370	3F7FFFFFFF 3F7FFFFFFF	00000006 00000001		1904 DC XL16 '3F7FFFFFF3F7FFFFFF3F7FFFFFF3F7FFFFFF'
				1905 SBFPOUT_NUM EQU (*-SBFPOUT_GOOD)/64
				1906 *
				1907 *
		0000E380 00000001		1908 SBFPFLGS_GOOD EQU *
0000E380	E2C5C2D9 61E2C5C2			1909 DC CL48 'SEBR/SEB F Ovfl FPCR'
0000E3B0	00280002 F8002002			1910 DC XL16 '00280002F800200200280002F8002002'
0000E3C0	E2C5C2D9 61E2C5C2			1911 DC CL48 'SEBR/SEB F Ufl 1 FPCR'
0000E3F0	00000002 F8001002			1912 DC XL16 '00000002F800100200000002F8001002'
0000E400	E2C5C2D9 61E2C5C2			1913 DC CL48 'SEBR/SEB F Ufl 2 FPCR'
0000E430	00000002 F8001002			1914 DC XL16 '00000002F800100200000002F8001002'
0000E440	E2C5C2D9 61E2C5C2			1915 DC CL48 'SEBR/SEB F Nmin FPCR'
0000E470	00000002 F8000002			1916 DC XL16 '00000002F800000200000002F8000002'
0000E480	E2C5C2D9 61E2C5C2			1917 DC CL48 'SEBR/SEB F Incr FPCR'
0000E4B0	00080002 F8000C02			1918 DC XL16 '00080002F8000C0200080002F8000C02'
0000E4C0	E2C5C2D9 61E2C5C2			1919 DC CL48 'SEBR/SEB F Trun FPCR'
0000E4F0	00080002 F8000802	00000006 00000001		1920 DC XL16 '00080002F800080200080002F8000802'
				1921 SBFPFLGS_NUM EQU (*-SBFPFLGS_GOOD)/64
				1922 *
				1923 *
		0000E500 00000001		1924 SBFPRMO_GOOD EQU *
0000E500	E2C5C2D9 61E2C5C2			1925 DC CL48 'SEBR/SEB RM +NZ RNTE, RZ'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000E530	3F7FFFFF 3F7FFFFF			1926 DC XL16 '3F7FFFFF3F7FFFFF3F7FFFFF3F7FFFFF'
0000E540	E2C5C2D9 61E2C5C2			1927 DC CL48 'SEBR/SEB RM +NZ RP, RM'
0000E570	3F800000 3F800000			1928 DC XL16 '3F8000003F8000003F7FFFFF3F7FFFFF'
0000E580	E2C5C2D9 61E2C5C2			1929 DC CL48 'SEBR/SEB RM +NZ RFS'
0000E5B0	3F7FFFFF 3F7FFFFF			1930 DC XL16 '3F7FFFFF3F7FFFFF000000000000000000000000'
0000E5C0	E2C5C2D9 61E2C5C2			1931 DC CL48 'SEBR/SEB RM -NZ RNTE, RZ'
0000E5F0	BF7FFFFF BF7FFFFF			1932 DC XL16 'BF7FFFFFBF7FFFFFBF7FFFFFBF7FFFFF'
0000E600	E2C5C2D9 61E2C5C2			1933 DC CL48 'SEBR/SEB RM -NZ RP, RM'
0000E630	BF7FFFFF BF7FFFFF			1934 DC XL16 'BF7FFFFFBF7FFFFFBF800000BF800000'
0000E640	E2C5C2D9 61E2C5C2			1935 DC CL48 'SEBR/SEB RM -NZ RFS'
0000E670	BF7FFFFF BF7FFFFF			1936 DC XL16 'BF7FFFFFBF7FFFFF000000000000000000000000'
0000E680	E2C5C2D9 61E2C5C2			1937 DC CL48 'SEBR/SEB RM +NA RNTE, RZ'
0000E6B0	3F800000 3F800000			1938 DC XL16 '3F8000003F8000003F7FFFFF3F7FFFFF'
0000E6C0	E2C5C2D9 61E2C5C2			1939 DC CL48 'SEBR/SEB RM +NA RP, RM'
0000E6F0	3F800000 3F800000			1940 DC XL16 '3F8000003F8000003F7FFFFF3F7FFFFF'
0000E700	E2C5C2D9 61E2C5C2			1941 DC CL48 'SEBR/SEB RM +NA RFS'
0000E730	3F7FFFFF 3F7FFFFF			1942 DC XL16 '3F7FFFFF3F7FFFFF000000000000000000000000'
0000E740	E2C5C2D9 61E2C5C2			1943 DC CL48 'SEBR/SEB RM -NA RNTE, RZ'
0000E770	BF800000 BF800000			1944 DC XL16 'BF800000BF800000BF7FFFFFBF7FFFFF'
0000E780	E2C5C2D9 61E2C5C2			1945 DC CL48 'SEBR/SEB RM -NA RP, RM'
0000E7B0	BF7FFFFF BF7FFFFF			1946 DC XL16 'BF7FFFFFBF7FFFFFBF800000BF800000'
0000E7C0	E2C5C2D9 61E2C5C2			1947 DC CL48 'SEBR/SEB RM -NA RFS'
0000E7F0	BF7FFFFF BF7FFFFF			1948 DC XL16 'BF7FFFFFBF7FFFFF000000000000000000000000'
0000E800	E2C5C2D9 61E2C5C2			1949 DC CL48 'SEBR/SEB RM +TZ RNTE, RZ'
0000E830	3F7FFFFE 3F7FFFFE			1950 DC XL16 '3F7FFFFE3F7FFFFE3F7FFFFE3F7FFFFE'
0000E840	E2C5C2D9 61E2C5C2			1951 DC CL48 'SEBR/SEB RM +TZ RP, RM'
0000E870	3F7FFFFF 3F7FFFFF			1952 DC XL16 '3F7FFFFF3F7FFFFF3F7FFFFE3F7FFFFE'
0000E880	E2C5C2D9 61E2C5C2			1953 DC CL48 'SEBR/SEB RM +TZ RFS'
0000E8B0	3F7FFFFF 3F7FFFFF			1954 DC XL16 '3F7FFFFF3F7FFFFF000000000000000000000000'
0000E8C0	E2C5C2D9 61E2C5C2			1955 DC CL48 'SEBR/SEB RM -TZ RNTE, RZ'
0000E8F0	BF7FFFFE BF7FFFFE			1956 DC XL16 'BF7FFFFEBF7FFFFEBF7FFFFEBF7FFFFE'
0000E900	E2C5C2D9 61E2C5C2			1957 DC CL48 'SEBR/SEB RM -TZ RP, RM'
0000E930	BF7FFFFE BF7FFFFE			1958 DC XL16 'BF7FFFFEBF7FFFFEBF7FFFFFBF7FFFFF'
0000E940	E2C5C2D9 61E2C5C2			1959 DC CL48 'SEBR/SEB RM -TZ RFS'
0000E970	BF7FFFFF BF7FFFFF			1960 DC XL16 'BF7FFFFFBF7FFFFF000000000000000000000000'
0000E980	E2C5C2D9 61E2C5C2			1961 DC CL48 'SEBR/SEB RM +TA RNTE, RZ'
0000E9B0	3F800000 3F800000			1962 DC XL16 '3F8000003F8000003F7FFFFF3F7FFFFF'
0000E9C0	E2C5C2D9 61E2C5C2			1963 DC CL48 'SEBR/SEB RM +TA RP, RM'
0000E9F0	3F800000 3F800000			1964 DC XL16 '3F8000003F8000003F7FFFFF3F7FFFFF'
0000EA00	E2C5C2D9 61E2C5C2			1965 DC CL48 'SEBR/SEB RM +TA RFS'
0000EA30	3F7FFFFF 3F7FFFFF			1966 DC XL16 '3F7FFFFF3F7FFFFF000000000000000000000000'
0000EA40	E2C5C2D9 61E2C5C2			1967 DC CL48 'SEBR/SEB RM -TA RNTE, RZ'
0000EA70	BF800000 BF800000			1968 DC XL16 'BF800000BF800000BF7FFFFFBF7FFFFF'
0000EA80	E2C5C2D9 61E2C5C2			1969 DC CL48 'SEBR/SEB RM -TA RP, RM'
0000EAB0	BF7FFFFF BF7FFFFF			1970 DC XL16 'BF7FFFFFBF7FFFFFBF800000BF800000'
0000EAC0	E2C5C2D9 61E2C5C2			1971 DC CL48 'SEBR/SEB RM -TA RFS'
0000EAF0	BF7FFFFF BF7FFFFF			1972 DC XL16 'BF7FFFFFBF7FFFFF000000000000000000000000'
		00000018 00000001		1973 SBPRMO_NUM EQU (*-SBPRMO_GOOD)/64
				1974 *
				1975 *
		0000EB00 00000001		1976 SBPRMO_GOOD EQU *
0000EB00	E2C5C2D9 61E2C5C2			1977 DC CL48 'SEBR/SEB RM +NZ RNTE, RZ FPCR'
0000EB30	00080002 00080002			1978 DC XL16 '00080002000800020008000200080002'
0000EB40	E2C5C2D9 61E2C5C2			1979 DC CL48 'SEBR/SEB RM +NZ RP, RM FPCR'
0000EB70	00080002 00080002			1980 DC XL16 '00080002000800020008000200080002'
0000EB80	E2C5C2D9 61E2C5C2			1981 DC CL48 'SEBR/SEB RM +NZ RFS FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000EBB0	00080002 00080002			1982 DC XL16 '00080002000800020000000000000000'
0000EBC0	E2C5C2D9 61E2C5C2			1983 DC CL48 'SEBR/SEB RM -NZ RNTE, RZ FPCR'
0000EBF0	00080001 00080001			1984 DC XL16 '00080001000800010008000100080001'
0000EC00	E2C5C2D9 61E2C5C2			1985 DC CL48 'SEBR/SEB RM -NZ RP, RM FPCR'
0000EC30	00080001 00080001			1986 DC XL16 '00080001000800010008000100080001'
0000EC40	E2C5C2D9 61E2C5C2			1987 DC CL48 'SEBR/SEB RM -NZ RFS FPCR'
0000EC70	00080001 00080001			1988 DC XL16 '00080001000800010000000000000000'
0000EC80	E2C5C2D9 61E2C5C2			1989 DC CL48 'SEBR/SEB RM +NA RNTE, RZ FPCR'
0000ECB0	00080002 00080002			1990 DC XL16 '00080002000800020008000200080002'
0000ECC0	E2C5C2D9 61E2C5C2			1991 DC CL48 'SEBR/SEB RM +NA RP, RM FPCR'
0000ECF0	00080002 00080002			1992 DC XL16 '00080002000800020008000200080002'
0000ED00	E2C5C2D9 61E2C5C2			1993 DC CL48 'SEBR/SEB RM +NA RFS FPCR'
0000ED30	00080002 00080002			1994 DC XL16 '00080002000800020000000000000000'
0000ED40	E2C5C2D9 61E2C5C2			1995 DC CL48 'SEBR/SEB RM -NA RNTE, RZ FPCR'
0000ED70	00080001 00080001			1996 DC XL16 '00080001000800010008000100080001'
0000ED80	E2C5C2D9 61E2C5C2			1997 DC CL48 'SEBR/SEB RM -NA RP, RM FPCR'
0000EDB0	00080001 00080001			1998 DC XL16 '00080001000800010008000100080001'
0000EDC0	E2C5C2D9 61E2C5C2			1999 DC CL48 'SEBR/SEB RM -NA RFS FPCR'
0000EDF0	00080001 00080001			2000 DC XL16 '00080001000800010000000000000000'
0000EE00	E2C5C2D9 61E2C5C2			2001 DC CL48 'SEBR/SEB RM +TZ RNTE, RZ FPCR'
0000EE30	00080002 00080002			2002 DC XL16 '00080002000800020008000200080002'
0000EE40	E2C5C2D9 61E2C5C2			2003 DC CL48 'SEBR/SEB RM +TZ RP, RM FPCR'
0000EE70	00080002 00080002			2004 DC XL16 '00080002000800020008000200080002'
0000EE80	E2C5C2D9 61E2C5C2			2005 DC CL48 'SEBR/SEB RM +TZ RFS FPCR'
0000EEB0	00080002 00080002			2006 DC XL16 '00080002000800020000000000000000'
0000EEC0	E2C5C2D9 61E2C5C2			2007 DC CL48 'SEBR/SEB RM -TZ RNTE, RZ FPCR'
0000EEF0	00080001 00080001			2008 DC XL16 '00080001000800010008000100080001'
0000EF00	E2C5C2D9 61E2C5C2			2009 DC CL48 'SEBR/SEB RM -TZ RP, RM FPCR'
0000EF30	00080001 00080001			2010 DC XL16 '00080001000800010008000100080001'
0000EF40	E2C5C2D9 61E2C5C2			2011 DC CL48 'SEBR/SEB RM -TZ RFS FPCR'
0000EF70	00080001 00080001			2012 DC XL16 '00080001000800010000000000000000'
0000EF80	E2C5C2D9 61E2C5C2			2013 DC CL48 'SEBR/SEB RM +TA RNTE, RZ FPCR'
0000EFB0	00080002 00080002			2014 DC XL16 '00080002000800020008000200080002'
0000EFC0	E2C5C2D9 61E2C5C2			2015 DC CL48 'SEBR/SEB RM +TA RP, RM FPCR'
0000EFF0	00080002 00080002			2016 DC XL16 '00080002000800020008000200080002'
0000F000	E2C5C2D9 61E2C5C2			2017 DC CL48 'SEBR/SEB RM +TA RFS FPCR'
0000F030	00080002 00080002			2018 DC XL16 '00080002000800020000000000000000'
0000F040	E2C5C2D9 61E2C5C2			2019 DC CL48 'SEBR/SEB RM -TA RNTE, RZ FPCR'
0000F070	00080001 00080001			2020 DC XL16 '00080001000800010008000100080001'
0000F080	E2C5C2D9 61E2C5C2			2021 DC CL48 'SEBR/SEB RM -TA RP, RM FPCR'
0000F0B0	00080001 00080001			2022 DC XL16 '00080001000800010008000100080001'
0000F0C0	E2C5C2D9 61E2C5C2			2023 DC CL48 'SEBR/SEB RM -TA RFS FPCR'
0000F0F0	00080001 00080001	00000018 00000001		2024 DC XL16 '00080001000800010000000000000000'
				2025 SBFPRMOF_NUM EQU (*-SBFPRMOF_GOOD)/64
				2026 *
				2027 *
		0000F100 00000001		2028 LBFPNFOT_GOOD EQU *
0000F100	E2C4C2D9 40D5C640			2029 DC CL48 'SDBR NF -inf/-inf'
0000F130	7FF80000 00000000			2030 DC XL16 '7FF800000000000FFF00000000000000'
0000F140	E2C4C240 D5C64060			2031 DC CL48 'SDBR NF -inf/-inf'
0000F170	7FF80000 00000000			2032 DC XL16 '7FF800000000000FFF00000000000000'
0000F180	E2C4C2D9 40D5C640			2033 DC CL48 'SDBR NF -inf/-2.0'
0000F1B0	FFF00000 00000000			2034 DC XL16 'FFF00000000000FFF00000000000000'
0000F1C0	E2C4C240 D5C64060			2035 DC CL48 'SDBR NF -inf/-2.0'
0000F1F0	FFF00000 00000000			2036 DC XL16 'FFF00000000000FFF00000000000000'
0000F200	E2C4C2D9 40D5C640			2037 DC CL48 'SDBR NF -inf/-Dnice'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000F230	FFF00000 00000000			2038 DC XL16 'FFF000000000000FF0000000000000000'
0000F240	E2C4C240 D5C64060			2039 DC CL48 'SDB NF -inf/-Dnice'
0000F270	FFF00000 00000000			2040 DC XL16 'FFF000000000000FF0000000000000000'
0000F280	E2C4C2D9 40D5C640			2041 DC CL48 'SDBR NF -inf/-0'
0000F2B0	FFF00000 00000000			2042 DC XL16 'FFF000000000000FF0000000000000000'
0000F2C0	E2C4C240 D5C64060			2043 DC CL48 'SDB NF -inf/-0'
0000F2F0	FFF00000 00000000			2044 DC XL16 'FFF000000000000FF0000000000000000'
0000F300	E2C4C2D9 40D5C640			2045 DC CL48 'SDBR NF -inf/+0'
0000F330	FFF00000 00000000			2046 DC XL16 'FFF000000000000FF0000000000000000'
0000F340	E2C4C240 D5C64060			2047 DC CL48 'SDB NF -inf/+0'
0000F370	FFF00000 00000000			2048 DC XL16 'FFF000000000000FF0000000000000000'
0000F380	E2C4C2D9 40D5C640			2049 DC CL48 'SDBR NF -inf/+Dnice'
0000F3B0	FFF00000 00000000			2050 DC XL16 'FFF000000000000FF0000000000000000'
0000F3C0	E2C4C240 D5C64060			2051 DC CL48 'SDB NF -inf/+Dnice'
0000F3F0	FFF00000 00000000			2052 DC XL16 'FFF000000000000FF0000000000000000'
0000F400	E2C4C2D9 40D5C640			2053 DC CL48 'SDBR NF -inf/+2.0'
0000F430	FFF00000 00000000			2054 DC XL16 'FFF000000000000FF0000000000000000'
0000F440	E2C4C240 D5C64060			2055 DC CL48 'SDB NF -inf/+2.0'
0000F470	FFF00000 00000000			2056 DC XL16 'FFF000000000000FF0000000000000000'
0000F480	E2C4C2D9 40D5C640			2057 DC CL48 'SDBR NF -inf/+inf'
0000F4B0	FFF00000 00000000			2058 DC XL16 'FFF000000000000FF0000000000000000'
0000F4C0	E2C4C240 D5C64060			2059 DC CL48 'SDB NF -inf/+inf'
0000F4F0	FFF00000 00000000			2060 DC XL16 'FFF000000000000FF0000000000000000'
0000F500	E2C4C2D9 40D5C640			2061 DC CL48 'SDBR NF -inf/-QNaN'
0000F530	FFF8B000 00000000			2062 DC XL16 'FFF8B0000000000FF8B0000000000'
0000F540	E2C4C240 D5C64060			2063 DC CL48 'SDB NF -inf/-QNaN'
0000F570	FFF8B000 00000000			2064 DC XL16 'FFF8B0000000000FF8B0000000000'
0000F580	E2C4C2D9 40D5C640			2065 DC CL48 'SDBR NF -inf/+SNaN'
0000F5B0	7FF8A000 00000000			2066 DC XL16 '7FF8A0000000000FF000000000000'
0000F5C0	E2C4C240 D5C64060			2067 DC CL48 'SDB NF -inf/+SNaN'
0000F5F0	7FF8A000 00000000			2068 DC XL16 '7FF8A0000000000FF000000000000'
0000F600	E2C4C2D9 40D5C640			2069 DC CL48 'SDBR NF -2.0/-inf'
0000F630	7FF00000 00000000			2070 DC XL16 '7FF000000000007FF000000000000'
0000F640	E2C4C240 D5C64060			2071 DC CL48 'SDB NF -2.0/-inf'
0000F670	7FF00000 00000000			2072 DC XL16 '7FF000000000007FF000000000000'
0000F680	E2C4C2D9 40D5C640			2073 DC CL48 'SDBR NF -2.0/-2.0'
0000F6B0	00000000 00000000			2074 DC XL16 '00000000000000000000000000000000'
0000F6C0	E2C4C240 D5C64060			2075 DC CL48 'SDB NF -2.0/-2.0'
0000F6F0	00000000 00000000			2076 DC XL16 '00000000000000000000000000000000'
0000F700	E2C4C2D9 40D5C640			2077 DC CL48 'SDBR NF -2.0/-Dnice'
0000F730	C0000000 00000000			2078 DC XL16 'C00000000000000C0000000000000000'
0000F740	E2C4C240 D5C64060			2079 DC CL48 'SDB NF -2.0/-Dnice'
0000F770	C0000000 00000000			2080 DC XL16 'C00000000000000C0000000000000000'
0000F780	E2C4C2D9 40D5C640			2081 DC CL48 'SDBR NF -2.0/-0'
0000F7B0	C0000000 00000000			2082 DC XL16 'C00000000000000C0000000000000000'
0000F7C0	E2C4C240 D5C64060			2083 DC CL48 'SDB NF -2.0/-0'
0000F7F0	C0000000 00000000			2084 DC XL16 'C00000000000000C0000000000000000'
0000F800	E2C4C2D9 40D5C640			2085 DC CL48 'SDBR NF -2.0/+0'
0000F830	C0000000 00000000			2086 DC XL16 'C00000000000000C0000000000000000'
0000F840	E2C4C240 D5C64060			2087 DC CL48 'SDB NF -2.0/+0'
0000F870	C0000000 00000000			2088 DC XL16 'C00000000000000C0000000000000000'
0000F880	E2C4C2D9 40D5C640			2089 DC CL48 'SDBR NF -2.0/+Dnice'
0000F8B0	C0000000 00000000			2090 DC XL16 'C00000000000000C0000000000000000'
0000F8C0	E2C4C240 D5C64060			2091 DC CL48 'SDB NF -2.0/+Dnice'
0000F8F0	C0000000 00000000			2092 DC XL16 'C00000000000000C0000000000000000'
0000F900	E2C4C2D9 40D5C640			2093 DC CL48 'SDBR NF -2.0/+2.0'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0000F930	C0100000 00000000			2094 DC XL16 'C0100000000000000C0100000000000000'
0000F940	E2C4C240 D5C64060			2095 DC CL48 'SDB NF -2.0/+2.0'
0000F970	C0100000 00000000			2096 DC XL16 'C0100000000000000C0100000000000000'
0000F980	E2C4C2D9 40D5C640			2097 DC CL48 'SDBR NF -2.0/+inf'
0000F9B0	FFF00000 00000000			2098 DC XL16 'FFF00000000000000FFF00000000000000'
0000F9C0	E2C4C240 D5C64060			2099 DC CL48 'SDB NF -2.0/+inf'
0000F9F0	FFF00000 00000000			2100 DC XL16 'FFF00000000000000FFF00000000000000'
0000FA00	E2C4C2D9 40D5C640			2101 DC CL48 'SDBR NF -2.0/-QNaN'
0000FA30	FFF8B000 00000000			2102 DC XL16 'FFF8B0000000000FFF8B00000000000000'
0000FA40	E2C4C240 D5C64060			2103 DC CL48 'SDB NF -2.0/-QNaN'
0000FA70	FFF8B000 00000000			2104 DC XL16 'FFF8B0000000000FFF8B00000000000000'
0000FA80	E2C4C2D9 40D5C640			2105 DC CL48 'SDBR NF -2.0/+SNaN'
0000FAB0	7FF8A000 00000000			2106 DC XL16 '7FF8A0000000000C00000000000000000'
0000FAC0	E2C4C240 D5C64060			2107 DC CL48 'SDB NF -2.0/+SNaN'
0000FAF0	7FF8A000 00000000			2108 DC XL16 '7FF8A0000000000C00000000000000000'
0000FB00	E2C4C2D9 40D5C640			2109 DC CL48 'SDBR NF -Dnice/-inf'
0000FB30	7FF00000 00000000			2110 DC XL16 '7FF0000000000007FF0000000000000000'
0000FB40	E2C4C240 D5C64060			2111 DC CL48 'SDB NF -Dnice/-inf'
0000FB70	7FF00000 00000000			2112 DC XL16 '7FF0000000000007FF0000000000000000'
0000FB80	E2C4C2D9 40D5C640			2113 DC CL48 'SDBR NF -Dnice/-2.0'
0000FB90	40000000 00000000			2114 DC XL16 '40000000000000040000000000000000'
0000FBC0	E2C4C240 D5C64060			2115 DC CL48 'SDB NF -Dnice/-2.0'
0000FBF0	40000000 00000000			2116 DC XL16 '40000000000000040000000000000000'
0000FC00	E2C4C2D9 40D5C640			2117 DC CL48 'SDBR NF -Dnice/-Dnice'
0000FC30	00000000 00000000			2118 DC XL16 '000000000000000000000000000000000000000000'
0000FC40	E2C4C240 D5C64060			2119 DC CL48 'SDB NF -Dnice/-Dnice'
0000FC70	00000000 00000000			2120 DC XL16 '000000000000000000000000000000000000000000'
0000FC80	E2C4C2D9 40D5C640			2121 DC CL48 'SDBR NF -Dnice/-0'
0000FCB0	80010000 00000000			2122 DC XL16 '80010000000000DFD0000000000000000'
0000FCC0	E2C4C240 D5C64060			2123 DC CL48 'SDB NF -Dnice/-0'
0000FCF0	80010000 00000000			2124 DC XL16 '80010000000000DFD0000000000000000'
0000FD00	E2C4C2D9 40D5C640			2125 DC CL48 'SDBR NF -Dnice/+0'
0000FD30	80010000 00000000			2126 DC XL16 '80010000000000DFD0000000000000000'
0000FD40	E2C4C240 D5C64060			2127 DC CL48 'SDB NF -Dnice/+0'
0000FD70	80010000 00000000			2128 DC XL16 '80010000000000DFD0000000000000000'
0000FD80	E2C4C2D9 40D5C640			2129 DC CL48 'SDBR NF -Dnice/+Dnice'
0000FDB0	80020000 00000000			2130 DC XL16 '80020000000000DFE0000000000000000'
0000FDC0	E2C4C240 D5C64060			2131 DC CL48 'SDB NF -Dnice/+Dnice'
0000FDF0	80020000 00000000			2132 DC XL16 '80020000000000DFE0000000000000000'
0000FE00	E2C4C2D9 40D5C640			2133 DC CL48 'SDBR NF -Dnice/+2.0'
0000FE30	C0000000 00000000			2134 DC XL16 'C00000000000000C00000000000000000'
0000FE40	E2C4C240 D5C64060			2135 DC CL48 'SDB NF -Dnice/+2.0'
0000FE70	C0000000 00000000			2136 DC XL16 'C00000000000000C00000000000000000'
0000FE80	E2C4C2D9 40D5C640			2137 DC CL48 'SDBR NF -Dnice/+inf'
0000FEB0	FFF00000 00000000			2138 DC XL16 'FFF000000000000FFF0000000000000000'
0000FEC0	E2C4C240 D5C64060			2139 DC CL48 'SDB NF -Dnice/+inf'
0000FEF0	FFF00000 00000000			2140 DC XL16 'FFF000000000000FFF0000000000000000'
0000FF00	E2C4C2D9 40D5C640			2141 DC CL48 'SDBR NF -Dnice/-QNaN'
0000FF30	FFF8B000 00000000			2142 DC XL16 'FFF8B0000000000FFF8B00000000000000'
0000FF40	E2C4C240 D5C64060			2143 DC CL48 'SDB NF -Dnice/-QNaN'
0000FF70	FFF8B000 00000000			2144 DC XL16 'FFF8B0000000000FFF8B00000000000000'
0000FF80	E2C4C2D9 40D5C640			2145 DC CL48 'SDBR NF -Dnice/+SNaN'
0000FFB0	7FF8A000 00000000			2146 DC XL16 '7FF8A0000000000800100000000000000'
0000FFC0	E2C4C240 D5C64060			2147 DC CL48 'SDB NF -Dnice/+SNaN'
0000FFF0	7FF8A000 00000000			2148 DC XL16 '7FF8A0000000000800100000000000000'
00010000	E2C4C2D9 40D5C640			2149 DC CL48 'SDBR NF -0/-inf'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00010030	7FF00000 00000000			2150 DC XL16 '7FF0000000000007FF00000000000000'
00010040	E2C4C240 D5C64060			2151 DC CL48 'SDB NF -0/-inf'
00010070	7FF00000 00000000			2152 DC XL16 '7FF0000000000007FF00000000000000'
00010080	E2C4C2D9 40D5C640			2153 DC CL48 'SDBR NF -0/-2.0'
000100B0	40000000 00000000			2154 DC XL16 '40000000000000400000000000000000'
000100C0	E2C4C240 D5C64060			2155 DC CL48 'SDB NF -0/-2.0'
000100F0	40000000 00000000			2156 DC XL16 '40000000000000400000000000000000'
00010100	E2C4C2D9 40D5C640			2157 DC CL48 'SDBR NF -0/-Dnice'
00010130	00010000 00000000			2158 DC XL16 '0001000000000005FD00000000000000'
00010140	E2C4C240 D5C64060			2159 DC CL48 'SDB NF -0/-Dnice'
00010170	00010000 00000000			2160 DC XL16 '0001000000000005FD00000000000000'
00010180	E2C4C2D9 40D5C640			2161 DC CL48 'SDBR NF -0/-0'
000101B0	00000000 00000000			2162 DC XL16 '00000000000000000000000000000000'
000101C0	E2C4C240 D5C64060			2163 DC CL48 'SDB NF -0/-0'
000101F0	00000000 00000000			2164 DC XL16 '00000000000000000000000000000000'
00010200	E2C4C2D9 40D5C640			2165 DC CL48 'SDBR NF -0/+0'
00010230	80000000 00000000			2166 DC XL16 '80000000000000800000000000000000'
00010240	E2C4C240 D5C64060			2167 DC CL48 'SDB NF -0/+0'
00010270	80000000 00000000			2168 DC XL16 '80000000000000800000000000000000'
00010280	E2C4C2D9 40D5C640			2169 DC CL48 'SDBR NF -0/+Dnice'
000102B0	80010000 00000000			2170 DC XL16 '80010000000000000000DFD000000000000'
000102C0	E2C4C240 D5C64060			2171 DC CL48 'SDB NF -0/+Dnice'
000102F0	80010000 00000000			2172 DC XL16 '80010000000000000000DFD000000000000'
00010300	E2C4C2D9 40D5C640			2173 DC CL48 'SDBR NF -0/+2.0'
00010330	C0000000 00000000			2174 DC XL16 'C0000000000000C0000000000000000'
00010340	E2C4C240 D5C64060			2175 DC CL48 'SDB NF -0/+2.0'
00010370	C0000000 00000000			2176 DC XL16 'C0000000000000C0000000000000000'
00010380	E2C4C2D9 40D5C640			2177 DC CL48 'SDBR NF -0/+inf'
000103B0	FFF00000 00000000			2178 DC XL16 'FFF0000000000FFF000000000000'
000103C0	E2C4C240 D5C64060			2179 DC CL48 'SDB NF -0/+inf'
000103F0	FFF00000 00000000			2180 DC XL16 'FFF0000000000FFF000000000000'
00010400	E2C4C2D9 40D5C640			2181 DC CL48 'SDBR NF -0/-QNaN'
00010430	FFF8B000 00000000			2182 DC XL16 'FFF8B00000000FFF8B0000000000'
00010440	E2C4C240 D5C64060			2183 DC CL48 'SDB NF -0/-QNaN'
00010470	FFF8B000 00000000			2184 DC XL16 'FFF8B00000000FFF8B0000000000'
00010480	E2C4C2D9 40D5C640			2185 DC CL48 'SDBR NF -0/+SNaN'
000104B0	7FF8A000 00000000			2186 DC XL16 '7FF8A00000000080000000000000000'
000104C0	E2C4C240 D5C64060			2187 DC CL48 'SDB NF -0/+SNaN'
000104F0	7FF8A000 00000000			2188 DC XL16 '7FF8A00000000080000000000000000'
00010500	E2C4C2D9 40D5C640			2189 DC CL48 'SDBR NF +0/-inf'
00010530	7FF00000 00000000			2190 DC XL16 '7FF000000000007FF00000000000000'
00010540	E2C4C240 D5C6404E			2191 DC CL48 'SDB NF +0/-inf'
00010570	7FF00000 00000000			2192 DC XL16 '7FF000000000007FF00000000000000'
00010580	E2C4C2D9 40D5C640			2193 DC CL48 'SDBR NF +0/-2.0'
000105B0	40000000 00000000			2194 DC XL16 '40000000000000400000000000000000'
000105C0	E2C4C240 D5C6404E			2195 DC CL48 'SDB NF +0/-2.0'
000105F0	40000000 00000000			2196 DC XL16 '40000000000000400000000000000000'
00010600	E2C4C2D9 40D5C640			2197 DC CL48 'SDBR NF +0/-Dnice'
00010630	00010000 00000000			2198 DC XL16 '000100000000005FD00000000000000'
00010640	E2C4C240 D5C6404E			2199 DC CL48 'SDB NF +0/-Dnice'
00010670	00010000 00000000			2200 DC XL16 '000100000000005FD00000000000000'
00010680	E2C4C2D9 40D5C640			2201 DC CL48 'SDBR NF +0/-0'
000106B0	00000000 00000000			2202 DC XL16 '00000000000000000000000000000000'
000106C0	E2C4C240 D5C6404E			2203 DC CL48 'SDB NF +0/-0'
000106F0	00000000 00000000			2204 DC XL16 '00000000000000000000000000000000'
00010700	E2C4C2D9 40D5C640			2205 DC CL48 'SDBR NF +0/+0'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00010730	00000000 00000000			2206 DC XL16 '00000000000000000000000000000000'
00010740	E2C4C240 D5C6404E			2207 DC CL48 'SDB NF +0/+0'
00010770	00000000 00000000			2208 DC XL16 '00000000000000000000000000000000'
00010780	E2C4C2D9 40D5C640			2209 DC CL48 'SDBR NF +0/+Dnice'
000107B0	80010000 00000000			2210 DC XL16 '8001000000000000DFD000000000000'
000107C0	E2C4C240 D5C6404E			2211 DC CL48 'SDB NF +0/+Dnice'
000107F0	80010000 00000000			2212 DC XL16 '8001000000000000DFD000000000000'
00010800	E2C4C2D9 40D5C640			2213 DC CL48 'SDBR NF +0/+2.0'
00010830	C0000000 00000000			2214 DC XL16 'C00000000000000C0000000000000000'
00010840	E2C4C240 D5C6404E			2215 DC CL48 'SDB NF +0/+2.0'
00010870	C0000000 00000000			2216 DC XL16 'C00000000000000C0000000000000000'
00010880	E2C4C2D9 40D5C640			2217 DC CL48 'SDBR NF +0/+inf'
000108B0	FFF00000 00000000			2218 DC XL16 'FFF00000000000FFF00000000000000'
000108C0	E2C4C240 D5C6404E			2219 DC CL48 'SDB NF +0/+inf'
000108F0	FFF00000 00000000			2220 DC XL16 'FFF0000000000FF0000000000000000'
00010900	E2C4C2D9 40D5C640			2221 DC CL48 'SDBR NF +0/-QNaN'
00010930	FFF8B000 00000000			2222 DC XL16 'FFF8B000000000FFF8B0000000000'
00010940	E2C4C240 D5C6404E			2223 DC CL48 'SDB NF +0/-QNaN'
00010970	FFF8B000 00000000			2224 DC XL16 'FFF8B000000000FFF8B0000000000'
00010980	E2C4C2D9 40D5C640			2225 DC CL48 'SDBR NF +0/+SNaN'
000109B0	7FF8A000 00000000			2226 DC XL16 '7FF8A00000000000000000000000000'
000109C0	E2C4C240 D5C6404E			2227 DC CL48 'SDB NF +0/+SNaN'
000109F0	7FF8A000 00000000			2228 DC XL16 '7FF8A00000000000000000000000000'
00010A00	E2C4C2D9 40D5C640			2229 DC CL48 'SDBR NF +Dnice/-inf'
00010A30	7FF00000 00000000			2230 DC XL16 '7FF00000000007FF000000000000'
00010A40	E2C4C240 D5C6404E			2231 DC CL48 'SDB NF +Dnice/-inf'
00010A70	7FF00000 00000000			2232 DC XL16 '7FF00000000007FF000000000000'
00010A80	E2C4C2D9 40D5C640			2233 DC CL48 'SDBR NF +Dnice/-2.0'
00010AB0	40000000 00000000			2234 DC XL16 '4000000000040000000000000000'
00010AC0	E2C4C240 D5C6404E			2235 DC CL48 'SDB NF +Dnice/-2.0'
00010AF0	40000000 00000000			2236 DC XL16 '4000000000040000000000000000'
00010B00	E2C4C2D9 40D5C640			2237 DC CL48 'SDBR NF +Dnice/-Dnice'
00010B30	00020000 00000000			2238 DC XL16 '000200000000005FE000000000000'
00010B40	E2C4C240 D5C6404E			2239 DC CL48 'SDB NF +Dnice/-Dnice'
00010B70	00020000 00000000			2240 DC XL16 '000200000000005FE000000000000'
00010B80	E2C4C2D9 40D5C640			2241 DC CL48 'SDBR NF +Dnice/-0'
00010BB0	00010000 00000000			2242 DC XL16 '000100000000005FD000000000000'
00010BC0	E2C4C240 D5C6404E			2243 DC CL48 'SDB NF +Dnice/-0'
00010BF0	00010000 00000000			2244 DC XL16 '000100000000005FD000000000000'
00010C00	E2C4C2D9 40D5C640			2245 DC CL48 'SDBR NF +Dnice/+0'
00010C30	00010000 00000000			2246 DC XL16 '000100000000005FD000000000000'
00010C40	E2C4C240 D5C6404E			2247 DC CL48 'SDB NF +Dnice/+0'
00010C70	00010000 00000000			2248 DC XL16 '000100000000005FD000000000000'
00010C80	E2C4C2D9 40D5C640			2249 DC CL48 'SDBR NF +Dnice/+Dnice'
00010CB0	00000000 00000000			2250 DC XL16 '00000000000000000000000000000000'
00010CC0	E2C4C240 D5C6404E			2251 DC CL48 'SDB NF +Dnice/+Dnice'
00010CF0	00000000 00000000			2252 DC XL16 '00000000000000000000000000000000'
00010D00	E2C4C2D9 40D5C640			2253 DC CL48 'SDBR NF +Dnice/+2.0'
00010D30	C0000000 00000000			2254 DC XL16 'C00000000000C000000000000000000'
00010D40	E2C4C240 D5C6404E			2255 DC CL48 'SDB NF +Dnice/+2.0'
00010D70	C0000000 00000000			2256 DC XL16 'C00000000000C000000000000000000'
00010D80	E2C4C2D9 40D5C640			2257 DC CL48 'SDBR NF +Dnice/+inf'
00010DB0	FFF00000 00000000			2258 DC XL16 'FFF000000000FFF0000000000000000'
00010DC0	E2C4C240 D5C6404E			2259 DC CL48 'SDB NF +Dnice/+inf'
00010DF0	FFF00000 00000000			2260 DC XL16 'FFF000000000FFF0000000000000000'
00010E00	E2C4C2D9 40D5C640			2261 DC CL48 'SDBR NF +Dnice/-QNaN'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00010E30	FFF8B000 00000000			2262 DC XL16 'FFF8B0000000000FFF8B0000000000'
00010E40	E2C4C240 D5C6404E			2263 DC CL48 'SDB NF +Dnice/-QNaN'
00010E70	FFF8B000 00000000			2264 DC XL16 'FFF8B0000000000FFF8B0000000000'
00010E80	E2C4C2D9 40D5C640			2265 DC CL48 'SDBR NF +Dnice/+SNaN'
00010EB0	7FF8A000 00000000			2266 DC XL16 '7FF8A000000000000100000000000'
00010EC0	E2C4C240 D5C6404E			2267 DC CL48 'SDB NF +Dnice/+SNaN'
00010EF0	7FF8A000 00000000			2268 DC XL16 '7FF8A000000000000100000000000'
00010F00	E2C4C2D9 40D5C640			2269 DC CL48 'SDBR NF +2.0/-inf'
00010F30	7FF00000 00000000			2270 DC XL16 '7FF0000000000007FF000000000000'
00010F40	E2C4C240 D5C6404E			2271 DC CL48 'SDB NF +2.0/-inf'
00010F70	7FF00000 00000000			2272 DC XL16 '7FF0000000000007FF000000000000'
00010F80	E2C4C2D9 40D5C640			2273 DC CL48 'SDBR NF +2.0/-2.0'
00010FB0	40100000 00000000			2274 DC XL16 '40100000000000401000000000000'
00010FC0	E2C4C240 D5C6404E			2275 DC CL48 'SDB NF +2.0/-2.0'
00010FF0	40100000 00000000			2276 DC XL16 '401000000000004010000000000000'
00011000	E2C4C2D9 40D5C640			2277 DC CL48 'SDBR NF +2.0/-Dnice'
00011030	40000000 00000000			2278 DC XL16 '400000000000004000000000000000'
00011040	E2C4C240 D5C6404E			2279 DC CL48 'SDB NF +2.0/-Dnice'
00011070	40000000 00000000			2280 DC XL16 '400000000000004000000000000000'
00011080	E2C4C2D9 40D5C640			2281 DC CL48 'SDBR NF +2.0/-0'
000110B0	40000000 00000000			2282 DC XL16 '400000000000004000000000000000'
000110C0	E2C4C240 D5C6404E			2283 DC CL48 'SDB NF +2.0/-0'
000110F0	40000000 00000000			2284 DC XL16 '400000000000004000000000000000'
00011100	E2C4C2D9 40D5C640			2285 DC CL48 'SDBR NF +2.0/+0'
00011130	40000000 00000000			2286 DC XL16 '400000000000004000000000000000'
00011140	E2C4C240 D5C6404E			2287 DC CL48 'SDB NF +2.0/+0'
00011170	40000000 00000000			2288 DC XL16 '400000000000004000000000000000'
00011180	E2C4C2D9 40D5C640			2289 DC CL48 'SDBR NF +2.0/+Dnice'
000111B0	40000000 00000000			2290 DC XL16 '400000000000004000000000000000'
000111C0	E2C4C240 D5C6404E			2291 DC CL48 'SDB NF +2.0/+Dnice'
000111F0	40000000 00000000			2292 DC XL16 '400000000000004000000000000000'
00011200	E2C4C2D9 40D5C640			2293 DC CL48 'SDBR NF +2.0/+2.0'
00011230	00000000 00000000			2294 DC XL16 '00000000000000000000000000000000'
00011240	E2C4C240 D5C6404E			2295 DC CL48 'SDB NF +2.0/+2.0'
00011270	00000000 00000000			2296 DC XL16 '00000000000000000000000000000000'
00011280	E2C4C2D9 40D5C640			2297 DC CL48 'SDBR NF +2.0/+inf'
000112B0	FFF00000 00000000			2298 DC XL16 'FFF000000000000FFF000000000000'
000112C0	E2C4C240 D5C6404E			2299 DC CL48 'SDB NF +2.0/+inf'
000112F0	FFF00000 00000000			2300 DC XL16 'FFF000000000000FFF0000000000000'
00011300	E2C4C2D9 40D5C640			2301 DC CL48 'SDBR NF +2.0/-QNaN'
00011330	FFF8B000 00000000			2302 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011340	E2C4C240 D5C6404E			2303 DC CL48 'SDB NF +2.0/-QNaN'
00011370	FFF8B000 00000000			2304 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011380	E2C4C2D9 40D5C640			2305 DC CL48 'SDBR NF +2.0/+SNaN'
000113B0	7FF8A000 00000000			2306 DC XL16 '7FF8A00000000004000000000000000'
000113C0	E2C4C240 D5C6404E			2307 DC CL48 'SDB NF +2.0/+SNaN'
000113F0	7FF8A000 00000000			2308 DC XL16 '7FF8A00000000004000000000000000'
00011400	E2C4C2D9 40D5C640			2309 DC CL48 'SDBR NF +inf/-inf'
00011430	7FF00000 00000000			2310 DC XL16 '7FF0000000000007FF000000000000'
00011440	E2C4C240 D5C6404E			2311 DC CL48 'SDB NF +inf/-inf'
00011470	7FF00000 00000000			2312 DC XL16 '7FF0000000000007FF00000000000000'
00011480	E2C4C2D9 40D5C640			2313 DC CL48 'SDBR NF +inf/-2.0'
000114B0	7FF00000 00000000			2314 DC XL16 '7FF0000000000007FF00000000000000'
000114C0	E2C4C240 D5C6404E			2315 DC CL48 'SDB NF +inf/-2.0'
000114F0	7FF00000 00000000			2316 DC XL16 '7FF0000000000007FF00000000000000'
00011500	E2C4C2D9 40D5C640			2317 DC CL48 'SDBR NF +inf/-Dnice'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00011530	7FF00000 00000000			2318 DC XL16 '7FF0000000000007FF00000000000000'
00011540	E2C4C240 D5C6404E			2319 DC CL48 'SDB NF +inf/-Dnice'
00011570	7FF00000 00000000			2320 DC XL16 '7FF0000000000007FF00000000000000'
00011580	E2C4C2D9 40D5C640			2321 DC CL48 'SDBR NF +inf/-0'
000115B0	7FF00000 00000000			2322 DC XL16 '7FF0000000000007FF00000000000000'
000115C0	E2C4C240 D5C6404E			2323 DC CL48 'SDB NF +inf/-0'
000115F0	7FF00000 00000000			2324 DC XL16 '7FF0000000000007FF00000000000000'
00011600	E2C4C2D9 40D5C640			2325 DC CL48 'SDBR NF +inf/+0'
00011630	7FF00000 00000000			2326 DC XL16 '7FF0000000000007FF00000000000000'
00011640	E2C4C240 D5C6404E			2327 DC CL48 'SDB NF +inf/+0'
00011670	7FF00000 00000000			2328 DC XL16 '7FF0000000000007FF00000000000000'
00011680	E2C4C2D9 40D5C640			2329 DC CL48 'SDBR NF +inf/+Dnice'
000116B0	7FF00000 00000000			2330 DC XL16 '7FF0000000000007FF00000000000000'
000116C0	E2C4C240 D5C6404E			2331 DC CL48 'SDB NF +inf/+Dnice'
000116F0	7FF00000 00000000			2332 DC XL16 '7FF0000000000007FF00000000000000'
00011700	E2C4C2D9 40D5C640			2333 DC CL48 'SDBR NF +inf/+2.0'
00011730	7FF00000 00000000			2334 DC XL16 '7FF0000000000007FF00000000000000'
00011740	E2C4C240 D5C6404E			2335 DC CL48 'SDB NF +inf/+2.0'
00011770	7FF00000 00000000			2336 DC XL16 '7FF0000000000007FF00000000000000'
00011780	E2C4C2D9 40D5C640			2337 DC CL48 'SDBR NF +inf/+inf'
000117B0	7FF80000 00000000			2338 DC XL16 '7FF8000000000007FF00000000000000'
000117C0	E2C4C240 D5C6404E			2339 DC CL48 'SDB NF +inf/+inf'
000117F0	7FF80000 00000000			2340 DC XL16 '7FF8000000000007FF00000000000000'
00011800	E2C4C2D9 40D5C640			2341 DC CL48 'SDBR NF +inf/-QNaN'
00011830	FFF8B000 00000000			2342 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011840	E2C4C240 D5C6404E			2343 DC CL48 'SDB NF +inf/-QNaN'
00011870	FFF8B000 00000000			2344 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011880	E2C4C2D9 40D5C640			2345 DC CL48 'SDBR NF +inf/+SNaN'
000118B0	7FF8A000 00000000			2346 DC XL16 '7FF8A00000000007FF00000000000000'
000118C0	E2C4C240 D5C6404E			2347 DC CL48 'SDB NF +inf/+SNaN'
000118F0	7FF8A000 00000000			2348 DC XL16 '7FF8A00000000007FF00000000000000'
00011900	E2C4C2D9 40D5C640			2349 DC CL48 'SDBR NF -QNaN/-inf'
00011930	FFF8B000 00000000			2350 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011940	E2C4C240 D5C64060			2351 DC CL48 'SDB NF -QNaN/-inf'
00011970	FFF8B000 00000000			2352 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011980	E2C4C2D9 40D5C640			2353 DC CL48 'SDBR NF -QNaN/-2.0'
000119B0	FFF8B000 00000000			2354 DC XL16 'FFF8B0000000000FFF8B0000000000'
000119C0	E2C4C240 D5C64060			2355 DC CL48 'SDB NF -QNaN/-2.0'
000119F0	FFF8B000 00000000			2356 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011A00	E2C4C2D9 40D5C640			2357 DC CL48 'SDBR NF -QNaN/-Dnice'
00011A30	FFF8B000 00000000			2358 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011A40	E2C4C240 D5C64060			2359 DC CL48 'SDB NF -QNaN/-Dnice'
00011A70	FFF8B000 00000000			2360 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011A80	E2C4C2D9 40D5C640			2361 DC CL48 'SDBR NF -QNaN/-0'
00011AB0	FFF8B000 00000000			2362 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011AC0	E2C4C240 D5C64060			2363 DC CL48 'SDB NF -QNaN/-0'
00011AF0	FFF8B000 00000000			2364 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011B00	E2C4C2D9 40D5C640			2365 DC CL48 'SDBR NF -QNaN/+0'
00011B30	FFF8B000 00000000			2366 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011B40	E2C4C240 D5C64060			2367 DC CL48 'SDB NF -QNaN/+0'
00011B70	FFF8B000 00000000			2368 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011B80	E2C4C2D9 40D5C640			2369 DC CL48 'SDBR NF -QNaN/+Dnice'
00011BB0	FFF8B000 00000000			2370 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011BC0	E2C4C240 D5C64060			2371 DC CL48 'SDB NF -QNaN/+Dnice'
00011BF0	FFF8B000 00000000			2372 DC XL16 'FFF8B0000000000FFF8B0000000000'
00011C00	E2C4C2D9 40D5C640			2373 DC CL48 'SDBR NF -QNaN/+2.0'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00011C30	FFF8B000 00000000			2374 DC XL16 'FFF8B00000000000FFF8B000000000000'
00011C40	E2C4C240 D5C64060			2375 DC CL48 'SDB NF -QNaN/+2.0'
00011C70	FFF8B000 00000000			2376 DC XL16 'FFF8B0000000000FFF8B000000000000'
00011C80	E2C4C2D9 40D5C640			2377 DC CL48 'SDBR NF -QNaN/+inf'
00011CB0	FFF8B000 00000000			2378 DC XL16 'FFF8B0000000000FFF8B000000000000'
00011CC0	E2C4C240 D5C64060			2379 DC CL48 'SDB NF -QNaN/+inf'
00011CF0	FFF8B000 00000000			2380 DC XL16 'FFF8B0000000000FFF8B000000000000'
00011D00	E2C4C2D9 40D5C640			2381 DC CL48 'SDBR NF -QNaN/-QNaN'
00011D30	FFF8B000 00000000			2382 DC XL16 'FFF8B0000000000FFF8B000000000000'
00011D40	E2C4C240 D5C64060			2383 DC CL48 'SDB NF -QNaN/-QNaN'
00011D70	FFF8B000 00000000			2384 DC XL16 'FFF8B0000000000FFF8B000000000000'
00011D80	E2C4C2D9 40D5C640			2385 DC CL48 'SDBR NF -QNaN/+SNaN'
00011DB0	7FF8A000 00000000			2386 DC XL16 '7FF8A0000000000FFF8B000000000000'
00011DC0	E2C4C240 D5C64060			2387 DC CL48 'SDB NF -QNaN/+SNaN'
00011DF0	7FF8A000 00000000			2388 DC XL16 '7FF8A0000000000FFF8B000000000000'
00011E00	E2C4C2D9 40D5C640			2389 DC CL48 'SDBR NF +SNaN/-inf'
00011E30	7FF8A000 00000000			2390 DC XL16 '7FF8A00000000007FF0A000000000000'
00011E40	E2C4C240 D5C6404E			2391 DC CL48 'SDB NF +SNaN/-inf'
00011E70	7FF8A000 00000000			2392 DC XL16 '7FF8A00000000007FF0A000000000000'
00011E80	E2C4C2D9 40D5C640			2393 DC CL48 'SDBR NF +SNaN/-2.0'
00011EB0	7FF8A000 00000000			2394 DC XL16 '7FF8A00000000007FF0A000000000000'
00011EC0	E2C4C240 D5C6404E			2395 DC CL48 'SDB NF +SNaN/-2.0'
00011EF0	7FF8A000 00000000			2396 DC XL16 '7FF8A00000000007FF0A000000000000'
00011F00	E2C4C2D9 40D5C640			2397 DC CL48 'SDBR NF +SNaN/-Dnice'
00011F30	7FF8A000 00000000			2398 DC XL16 '7FF8A00000000007FF0A000000000000'
00011F40	E2C4C240 D5C6404E			2399 DC CL48 'SDB NF +SNaN/-Dnice'
00011F70	7FF8A000 00000000			2400 DC XL16 '7FF8A00000000007FF0A000000000000'
00011F80	E2C4C2D9 40D5C640			2401 DC CL48 'SDBR NF +SNaN/-0'
00011FB0	7FF8A000 00000000			2402 DC XL16 '7FF8A00000000007FF0A000000000000'
00011FC0	E2C4C240 D5C6404E			2403 DC CL48 'SDB NF +SNaN/-0'
00011FF0	7FF8A000 00000000			2404 DC XL16 '7FF8A00000000007FF0A000000000000'
00012000	E2C4C2D9 40D5C640			2405 DC CL48 'SDBR NF +SNaN/+0'
00012030	7FF8A000 00000000			2406 DC XL16 '7FF8A00000000007FF0A000000000000'
00012040	E2C4C240 D5C6404E			2407 DC CL48 'SDB NF +SNaN/+0'
00012070	7FF8A000 00000000			2408 DC XL16 '7FF8A00000000007FF0A000000000000'
00012080	E2C4C2D9 40D5C640			2409 DC CL48 'SDBR NF +SNaN/+Dnice'
000120B0	7FF8A000 00000000			2410 DC XL16 '7FF8A00000000007FF0A000000000000'
000120C0	E2C4C240 D5C6404E			2411 DC CL48 'SDB NF +SNaN/+Dnice'
000120F0	7FF8A000 00000000			2412 DC XL16 '7FF8A00000000007FF0A000000000000'
00012100	E2C4C2D9 40D5C640			2413 DC CL48 'SDBR NF +SNaN/+2.0'
00012130	7FF8A000 00000000			2414 DC XL16 '7FF8A00000000007FF0A000000000000'
00012140	E2C4C240 D5C6404E			2415 DC CL48 'SDB NF +SNaN/+2.0'
00012170	7FF8A000 00000000			2416 DC XL16 '7FF8A00000000007FF0A000000000000'
00012180	E2C4C2D9 40D5C640			2417 DC CL48 'SDBR NF +SNaN/+inf'
000121B0	7FF8A000 00000000			2418 DC XL16 '7FF8A00000000007FF0A000000000000'
000121C0	E2C4C240 D5C6404E			2419 DC CL48 'SDB NF +SNaN/+inf'
000121F0	7FF8A000 00000000			2420 DC XL16 '7FF8A00000000007FF0A000000000000'
00012200	E2C4C2D9 40D5C640			2421 DC CL48 'SDBR NF +SNaN/-QNaN'
00012230	7FF8A000 00000000			2422 DC XL16 '7FF8A00000000007FF0A000000000000'
00012240	E2C4C240 D5C6404E			2423 DC CL48 'SDB NF +SNaN/-QNaN'
00012270	7FF8A000 00000000			2424 DC XL16 '7FF8A00000000007FF0A000000000000'
00012280	E2C4C2D9 40D5C640			2425 DC CL48 'SDBR NF +SNaN/+SNaN'
000122B0	7FF8A000 00000000			2426 DC XL16 '7FF8A00000000007FF0A000000000000'
000122C0	E2C4C240 D5C6404E			2427 DC CL48 'SDB NF +SNaN/+SNaN'
000122F0	7FF8A000 00000000	000000C8	00000001	2428 DC XL16 '7FF8A00000000007FF0A000000000000'
				2429 LBFPNFOT_NUM EQU (*-LBFPNFOT_GOOD)/64

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				2430 *
				2431 *
		00012300	00000001	2432 LBFPNFFL_GOOD EQU *
00012300	E2C4C2D9 61E2C4C2			2433 DC CL48'SDBR/SDB NF -inf/-inf FPCR'
00012330	00800003 F8008003			2434 DC XL16'00800003F800800300800003F8008003'
00012340	E2C4C2D9 61E2C4C2			2435 DC CL48'SDBR/SDB NF -inf/-2.0 FPCR'
00012370	00000001 F8000001			2436 DC XL16'00000001F800000100000001F8000001'
00012380	E2C4C2D9 61E2C4C2			2437 DC CL48'SDBR/SDB NF -inf/-Dnice FPCR'
000123B0	00000001 F8000001			2438 DC XL16'00000001F800000100000001F8000001'
000123C0	E2C4C2D9 61E2C4C2			2439 DC CL48'SDBR/SDB NF -inf/-0 FPCR'
000123F0	00000001 F8000001			2440 DC XL16'00000001F800000100000001F8000001'
00012400	E2C4C2D9 61E2C4C2			2441 DC CL48'SDBR/SDB NF -inf/+0 FPCR'
00012430	00000001 F8000001			2442 DC XL16'00000001F800000100000001F8000001'
00012440	E2C4C2D9 61E2C4C2			2443 DC CL48'SDBR/SDB NF -inf/+Dnice FPCR'
00012470	00000001 F8000001			2444 DC XL16'00000001F800000100000001F8000001'
00012480	E2C4C2D9 61E2C4C2			2445 DC CL48'SDBR/SDB NF -inf/+2.0 FPCR'
000124B0	00000001 F8000001			2446 DC XL16'00000001F800000100000001F8000001'
000124C0	E2C4C2D9 61E2C4C2			2447 DC CL48'SDBR/SDB NF -inf/+inf FPCR'
000124F0	00000001 F8000001			2448 DC XL16'00000001F800000100000001F8000001'
00012500	E2C4C2D9 61E2C4C2			2449 DC CL48'SDBR/SDB NF -inf/-QNaN FPCR'
00012530	00000003 F8000003			2450 DC XL16'00000003F800000300000003F8000003'
00012540	E2C4C2D9 61E2C4C2			2451 DC CL48'SDBR/SDB NF -inf/+SNaN FPCR'
00012570	00800003 F8008003			2452 DC XL16'00800003F800800300800003F8008003'
00012580	E2C4C2D9 61E2C4C2			2453 DC CL48'SDBR/SDB NF -2.0/-inf FPCR'
000125B0	00000002 F8000002			2454 DC XL16'00000002F800000200000002F8000002'
000125C0	E2C4C2D9 61E2C4C2			2455 DC CL48'SDBR/SDB NF -2.0/-2.0 FPCR'
000125F0	00000000 F8000000			2456 DC XL16'00000000F800000000000000F8000000'
00012600	E2C4C2D9 61E2C4C2			2457 DC CL48'SDBR/SDB NF -2.0/-Dnice FPCR'
00012630	00080001 F8000C01			2458 DC XL16'00080001F8000C0100080001F8000C01'
00012640	E2C4C2D9 61E2C4C2			2459 DC CL48'SDBR/SDB NF -2.0/-0 FPCR'
00012670	00000001 F8000001			2460 DC XL16'00000001F800000100000001F8000001'
00012680	E2C4C2D9 61E2C4C2			2461 DC CL48'SDBR/SDB NF -2.0/+0 FPCR'
000126B0	00000001 F8000001			2462 DC XL16'00000001F800000100000001F8000001'
000126C0	E2C4C2D9 61E2C4C2			2463 DC CL48'SDBR/SDB NF -2.0/+Dnice FPCR'
000126F0	00080001 F8000801			2464 DC XL16'00080001F800080100080001F8000801'
00012700	E2C4C2D9 61E2C4C2			2465 DC CL48'SDBR/SDB NF -2.0/+2.0 FPCR'
00012730	00000001 F8000001			2466 DC XL16'00000001F800000100000001F8000001'
00012740	E2C4C2D9 61E2C4C2			2467 DC CL48'SDBR/SDB NF -2.0/+inf FPCR'
00012770	00000001 F8000001			2468 DC XL16'00000001F800000100000001F8000001'
00012780	E2C4C2D9 61E2C4C2			2469 DC CL48'SDBR/SDB NF -2.0/-QNaN FPCR'
000127B0	00000003 F8000003			2470 DC XL16'00000003F800000300000003F8000003'
000127C0	E2C4C2D9 61E2C4C2			2471 DC CL48'SDBR/SDB NF -2.0/+SNaN FPCR'
000127F0	00800003 F8008003			2472 DC XL16'00800003F800800300800003F8008003'
00012800	E2C4C2D9 61E2C4C2			2473 DC CL48'SDBR/SDB NF -Dnice/-inf FPCR'
00012830	00000002 F8000002			2474 DC XL16'00000002F800000200000002F8000002'
00012840	E2C4C2D9 61E2C4C2			2475 DC CL48'SDBR/SDB NF -Dnice/-2.0 FPCR'
00012870	00080002 F8000C02			2476 DC XL16'00080002F8000C0200080002F8000C02'
00012880	E2C4C2D9 61E2C4C2			2477 DC CL48'SDBR/SDB NF -Dnice/-Dnice FPCR'
000128B0	00000000 F8000000			2478 DC XL16'00000000F800000000000000F8000000'
000128C0	E2C4C2D9 61E2C4C2			2479 DC CL48'SDBR/SDB NF -Dnice/-0 FPCR'
000128F0	00000001 F8001001			2480 DC XL16'00000001F800100100000001F8001001'
00012900	E2C4C2D9 61E2C4C2			2481 DC CL48'SDBR/SDB NF -Dnice/+0 FPCR'
00012930	00000001 F8001001			2482 DC XL16'00000001F800100100000001F8001001'
00012940	E2C4C2D9 61E2C4C2			2483 DC CL48'SDBR/SDB NF -Dnice/+Dnice FPCR'
00012970	00000001 F8001001			2484 DC XL16'00000001F800100100000001F8001001'
00012980	E2C4C2D9 61E2C4C2			2485 DC CL48'SDBR/SDB NF -Dnice/+2.0 FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000129B0	00080001 F8000801			2486 DC XL16 '00080001F800080100080001F8000801'
000129C0	E2C4C2D9 61E2C4C2			2487 DC CL48 'SDBR/SDB NF -Dnice/+inf FPCR'
000129F0	00000001 F8000001			2488 DC XL16 '00000001F800000100000001F8000001'
00012A00	E2C4C2D9 61E2C4C2			2489 DC CL48 'SDBR/SDB NF -Dnice/-QNaN FPCR'
00012A30	00000003 F8000003			2490 DC XL16 '00000003F800000300000003F8000003'
00012A40	E2C4C2D9 61E2C4C2			2491 DC CL48 'SDBR/SDB NF -Dnice/+SNaN FPCR'
00012A70	00800003 F8008003			2492 DC XL16 '00800003F800800300800003F8008003'
00012A80	E2C4C2D9 61E2C4C2			2493 DC CL48 'SDBR/SDB NF -0/-inf FPCR'
00012AB0	00000002 F8000002			2494 DC XL16 '00000002F800000200000002F8000002'
00012AC0	E2C4C2D9 61E2C4C2			2495 DC CL48 'SDBR/SDB NF -0/-2.0 FPCR'
00012AF0	00000002 F8000002			2496 DC XL16 '00000002F800000200000002F8000002'
00012B00	E2C4C2D9 61E2C4C2			2497 DC CL48 'SDBR/SDB NF -0/-Dnice FPCR'
00012B30	00000002 F8001002			2498 DC XL16 '00000002F800100200000002F8001002'
00012B40	E2C4C2D9 61E2C4C2			2499 DC CL48 'SDBR/SDB NF -0/-0 FPCR'
00012B70	00000000 F8000000			2500 DC XL16 '00000000F800000000000000F8000000'
00012B80	E2C4C2D9 61E2C4C2			2501 DC CL48 'SDBR/SDB NF -0/+0 FPCR'
00012BB0	00000000 F8000000			2502 DC XL16 '00000000F800000000000000F8000000'
00012BC0	E2C4C2D9 61E2C4C2			2503 DC CL48 'SDBR/SDB NF -0/+Dnice FPCR'
00012BF0	00000001 F8001001			2504 DC XL16 '00000001F800100100000001F8001001'
00012C00	E2C4C2D9 61E2C4C2			2505 DC CL48 'SDBR/SDB NF -0/+2.0 FPCR'
00012C30	00000001 F8000001			2506 DC XL16 '00000001F800000100000001F8000001'
00012C40	E2C4C2D9 61E2C4C2			2507 DC CL48 'SDBR/SDB NF -0/+inf FPCR'
00012C70	00000001 F8000001			2508 DC XL16 '00000001F800000100000001F8000001'
00012C80	E2C4C2D9 61E2C4C2			2509 DC CL48 'SDBR/SDB NF -0/-QNaN FPCR'
00012CB0	00000003 F8000003			2510 DC XL16 '00000003F800000300000003F8000003'
00012CC0	E2C4C2D9 61E2C4C2			2511 DC CL48 'SDBR/SDB NF -0/+SNaN FPCR'
00012CF0	00800003 F8008003			2512 DC XL16 '00800003F800800300800003F8008003'
00012D00	E2C4C2D9 61E2C4C2			2513 DC CL48 'SDBR/SDB NF +0/-inf FPCR'
00012D30	00000002 F8000002			2514 DC XL16 '00000002F800000200000002F8000002'
00012D40	E2C4C2D9 61E2C4C2			2515 DC CL48 'SDBR/SDB NF +0/-2.0 FPCR'
00012D70	00000002 F8000002			2516 DC XL16 '00000002F800000200000002F8000002'
00012D80	E2C4C2D9 61E2C4C2			2517 DC CL48 'SDBR/SDB NF +0/-Dnice FPCR'
00012DB0	00000002 F8001002			2518 DC XL16 '00000002F800100200000002F8001002'
00012DC0	E2C4C2D9 61E2C4C2			2519 DC CL48 'SDBR/SDB NF +0/-0 FPCR'
00012DF0	00000000 F8000000			2520 DC XL16 '00000000F800000000000000F8000000'
00012E00	E2C4C2D9 61E2C4C2			2521 DC CL48 'SDBR/SDB NF +0/+0 FPCR'
00012E30	00000000 F8000000			2522 DC XL16 '00000000F800000000000000F8000000'
00012E40	E2C4C2D9 61E2C4C2			2523 DC CL48 'SDBR/SDB NF +0/+Dnice FPCR'
00012E70	00000001 F8001001			2524 DC XL16 '00000001F800100100000001F8001001'
00012E80	E2C4C2D9 61E2C4C2			2525 DC CL48 'SDBR/SDB NF +0/+2.0 FPCR'
00012EB0	00000001 F8000001			2526 DC XL16 '00000001F800000100000001F8000001'
00012EC0	E2C4C2D9 61E2C4C2			2527 DC CL48 'SDBR/SDB NF +0/+inf FPCR'
00012EF0	00000001 F8000001			2528 DC XL16 '00000001F800000100000001F8000001'
00012F00	E2C4C2D9 61E2C4C2			2529 DC CL48 'SDBR/SDB NF +0/-QNaN FPCR'
00012F30	00000003 F8000003			2530 DC XL16 '00000003F800000300000003F8000003'
00012F40	E2C4C2D9 61E2C4C2			2531 DC CL48 'SDBR/SDB NF +0/+SNaN FPCR'
00012F70	00800003 F8008003			2532 DC XL16 '00800003F800800300800003F8008003'
00012F80	E2C4C2D9 61E2C4C2			2533 DC CL48 'SDBR/SDB NF +Dnice/-inf FPCR'
00012FB0	00000002 F8000002			2534 DC XL16 '00000002F800000200000002F8000002'
00012FC0	E2C4C2D9 61E2C4C2			2535 DC CL48 'SDBR/SDB NF +Dnice/-2.0 FPCR'
00012FF0	00080002 F8008002			2536 DC XL16 '00080002F800800200080002F8008002'
00013000	E2C4C2D9 61E2C4C2			2537 DC CL48 'SDBR/SDB NF +Dnice/-Dnice FPCR'
00013030	00000002 F8001002			2538 DC XL16 '00000002F800100200000002F8001002'
00013040	E2C4C2D9 61E2C4C2			2539 DC CL48 'SDBR/SDB NF +Dnice/-0 FPCR'
00013070	00000002 F8001002			2540 DC XL16 '00000002F800100200000002F8001002'
00013080	E2C4C2D9 61E2C4C2			2541 DC CL48 'SDBR/SDB NF +Dnice/+0 FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000130B0	00000002 F8001002			2542 DC XL16 '00000002F800100200000002F8001002'
000130C0	E2C4C2D9 61E2C4C2			2543 DC CL48 'SDBR/SDB NF +Dnice/+Dnice FPCR'
000130F0	00000000 F8000000			2544 DC XL16 '00000000F800000000000000F8000000'
00013100	E2C4C2D9 61E2C4C2			2545 DC CL48 'SDBR/SDB NF +Dnice/+2.0 FPCR'
00013130	00080001 F8000C01			2546 DC XL16 '00080001F8000C0100080001F8000C01'
00013140	E2C4C2D9 61E2C4C2			2547 DC CL48 'SDBR/SDB NF +Dnice/+inf FPCR'
00013170	00000001 F8000001			2548 DC XL16 '00000001F800000100000001F8000001'
00013180	E2C4C2D9 61E2C4C2			2549 DC CL48 'SDBR/SDB NF +Dnice/-QNaN FPCR'
000131B0	00000003 F8000003			2550 DC XL16 '00000003F800000300000003F8000003'
000131C0	E2C4C2D9 61E2C4C2			2551 DC CL48 'SDBR/SDB NF +Dnice/+SNaN FPCR'
000131F0	00800003 F8008003			2552 DC XL16 '00800003F800800300800003F8008003'
00013200	E2C4C2D9 61E2C4C2			2553 DC CL48 'SDBR/SDB NF +2.0/-inf FPCR'
00013230	00000002 F8000002			2554 DC XL16 '00000002F800000200000002F8000002'
00013240	E2C4C2D9 61E2C4C2			2555 DC CL48 'SDBR/SDB NF +2.0/-2.0 FPCR'
00013270	00000002 F8000002			2556 DC XL16 '00000002F800000200000002F8000002'
00013280	E2C4C2D9 61E2C4C2			2557 DC CL48 'SDBR/SDB NF +2.0/-Dnice FPCR'
000132B0	00080002 F8000802			2558 DC XL16 '00080002F800080200080002F8000802'
000132C0	E2C4C2D9 61E2C4C2			2559 DC CL48 'SDBR/SDB NF +2.0/-0 FPCR'
000132F0	00000002 F8000002			2560 DC XL16 '00000002F800000200000002F8000002'
00013300	E2C4C2D9 61E2C4C2			2561 DC CL48 'SDBR/SDB NF +2.0/+0 FPCR'
00013330	00000002 F8000002			2562 DC XL16 '00000002F800000200000002F8000002'
00013340	E2C4C2D9 61E2C4C2			2563 DC CL48 'SDBR/SDB NF +2.0/+Dnice FPCR'
00013370	00080002 F8000C02			2564 DC XL16 '00080002F8000C0200080002F8000C02'
00013380	E2C4C2D9 61E2C4C2			2565 DC CL48 'SDBR/SDB NF +2.0/+2.0 FPCR'
000133B0	00000000 F8000000			2566 DC XL16 '00000000F800000000000000F8000000'
000133C0	E2C4C2D9 61E2C4C2			2567 DC CL48 'SDBR/SDB NF +2.0/+inf FPCR'
000133F0	00000001 F8000001			2568 DC XL16 '00000001F800000100000001F8000001'
00013400	E2C4C2D9 61E2C4C2			2569 DC CL48 'SDBR/SDB NF +2.0/-QNaN FPCR'
00013430	00000003 F8000003			2570 DC XL16 '00000003F800000300000003F8000003'
00013440	E2C4C2D9 61E2C4C2			2571 DC CL48 'SDBR/SDB NF +2.0/+SNaN FPCR'
00013470	00800003 F8008003			2572 DC XL16 '00800003F800800300800003F8008003'
00013480	E2C4C2D9 61E2C4C2			2573 DC CL48 'SDBR/SDB NF +inf/-inf FPCR'
000134B0	00000002 F8000002			2574 DC XL16 '00000002F800000200000002F8000002'
000134C0	E2C4C2D9 61E2C4C2			2575 DC CL48 'SDBR/SDB NF +inf/-2.0 FPCR'
000134F0	00000002 F8000002			2576 DC XL16 '00000002F800000200000002F8000002'
00013500	E2C4C2D9 61E2C4C2			2577 DC CL48 'SDBR/SDB NF +inf/-Dnice FPCR'
00013530	00000002 F8000002			2578 DC XL16 '00000002F800000200000002F8000002'
00013540	E2C4C2D9 61E2C4C2			2579 DC CL48 'SDBR/SDB NF +inf/-0 FPCR'
00013570	00000002 F8000002			2580 DC XL16 '00000002F800000200000002F8000002'
00013580	E2C4C2D9 61E2C4C2			2581 DC CL48 'SDBR/SDB NF +inf/+0 FPCR'
000135B0	00000002 F8000002			2582 DC XL16 '00000002F800000200000002F8000002'
000135C0	E2C4C2D9 61E2C4C2			2583 DC CL48 'SDBR/SDB NF +inf/+Dnice FPCR'
000135F0	00000002 F8000002			2584 DC XL16 '00000002F800000200000002F8000002'
00013600	E2C4C2D9 61E2C4C2			2585 DC CL48 'SDBR/SDB NF +inf/+2.0 FPCR'
00013630	00000002 F8000002			2586 DC XL16 '00000002F800000200000002F8000002'
00013640	E2C4C2D9 61E2C4C2			2587 DC CL48 'SDBR/SDB NF +inf/+inf FPCR'
00013670	00800003 F8008003			2588 DC XL16 '00800003F800800300800003F8008003'
00013680	E2C4C2D9 61E2C4C2			2589 DC CL48 'SDBR/SDB NF +inf/-QNaN FPCR'
000136B0	00000003 F8000003			2590 DC XL16 '00000003F800000300000003F8000003'
000136C0	E2C4C2D9 61E2C4C2			2591 DC CL48 'SDBR/SDB NF +inf/+SNaN FPCR'
000136F0	00800003 F8008003			2592 DC XL16 '00800003F800800300800003F8008003'
00013700	E2C4C2D9 61E2C4C2			2593 DC CL48 'SDBR/SDB NF -QNaN/-inf FPCR'
00013730	00000003 F8000003			2594 DC XL16 '00000003F800000300000003F8000003'
00013740	E2C4C2D9 61E2C4C2			2595 DC CL48 'SDBR/SDB NF -QNaN/-2.0 FPCR'
00013770	00000003 F8000003			2596 DC XL16 '00000003F800000300000003F8000003'
00013780	E2C4C2D9 61E2C4C2			2597 DC CL48 'SDBR/SDB NF -QNaN/-Dnice FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000137B0	00000003 F8000003			2598 DC XL16 '00000003F800000300000003F8000003'
000137C0	E2C4C2D9 61E2C4C2			2599 DC CL48 'SDBR/SDB NF -QNaN/-0 FPCR'
000137F0	00000003 F8000003			2600 DC XL16 '00000003F800000300000003F8000003'
00013800	E2C4C2D9 61E2C4C2			2601 DC CL48 'SDBR/SDB NF -QNaN/+0 FPCR'
00013830	00000003 F8000003			2602 DC XL16 '00000003F800000300000003F8000003'
00013840	E2C4C2D9 61E2C4C2			2603 DC CL48 'SDBR/SDB NF -QNaN/+Dnice FPCR'
00013870	00000003 F8000003			2604 DC XL16 '00000003F800000300000003F8000003'
00013880	E2C4C2D9 61E2C4C2			2605 DC CL48 'SDBR/SDB NF -QNaN/+2.0 FPCR'
000138B0	00000003 F8000003			2606 DC XL16 '00000003F800000300000003F8000003'
000138C0	E2C4C2D9 61E2C4C2			2607 DC CL48 'SDBR/SDB NF -QNaN/+inf FPCR'
000138F0	00000003 F8000003			2608 DC XL16 '00000003F800000300000003F8000003'
00013900	E2C4C2D9 61E2C4C2			2609 DC CL48 'SDBR/SDB NF -QNaN/-QNaN FPCR'
00013930	00000003 F8000003			2610 DC XL16 '00000003F800000300000003F8000003'
00013940	E2C4C2D9 61E2C4C2			2611 DC CL48 'SDBR/SDB NF -QNaN/+SNaN FPCR'
00013970	00800003 F8008003			2612 DC XL16 '00800003F800800300800003F8008003'
00013980	E2C4C2D9 61E2C4C2			2613 DC CL48 'SDBR/SDB NF +SNaN/-inf FPCR'
000139B0	00800003 F8008003			2614 DC XL16 '00800003F800800300800003F8008003'
000139C0	E2C4C2D9 61E2C4C2			2615 DC CL48 'SDBR/SDB NF +SNaN/-2.0 FPCR'
000139F0	00800003 F8008003			2616 DC XL16 '00800003F800800300800003F8008003'
00013A00	E2C4C2D9 61E2C4C2			2617 DC CL48 'SDBR/SDB NF +SNaN/-Dnice FPCR'
00013A30	00800003 F8008003			2618 DC XL16 '00800003F800800300800003F8008003'
00013A40	E2C4C2D9 61E2C4C2			2619 DC CL48 'SDBR/SDB NF +SNaN/-0 FPCR'
00013A70	00800003 F8008003			2620 DC XL16 '00800003F800800300800003F8008003'
00013A80	E2C4C2D9 61E2C4C2			2621 DC CL48 'SDBR/SDB NF +SNaN/+0 FPCR'
00013AB0	00800003 F8008003			2622 DC XL16 '00800003F800800300800003F8008003'
00013AC0	E2C4C2D9 61E2C4C2			2623 DC CL48 'SDBR/SDB NF +SNaN/+Dnice FPCR'
00013AF0	00800003 F8008003			2624 DC XL16 '00800003F800800300800003F8008003'
00013B00	E2C4C2D9 61E2C4C2			2625 DC CL48 'SDBR/SDB NF +SNaN/+2.0 FPCR'
00013B30	00800003 F8008003			2626 DC XL16 '00800003F800800300800003F8008003'
00013B40	E2C4C2D9 61E2C4C2			2627 DC CL48 'SDBR/SDB NF +SNaN/+inf FPCR'
00013B70	00800003 F8008003			2628 DC XL16 '00800003F800800300800003F8008003'
00013B80	E2C4C2D9 61E2C4C2			2629 DC CL48 'SDBR/SDB NF +SNaN/-QNaN FPCR'
00013BB0	00800003 F8008003			2630 DC XL16 '00800003F800800300800003F8008003'
00013BC0	E2C4C2D9 61E2C4C2			2631 DC CL48 'SDBR/SDB NF +SNaN/+SNaN FPCR'
00013BF0	00800003 F8008003			2632 DC XL16 '00800003F800800300800003F8008003'
		00000064 00000001		2633 LBFPNFFL_NUM EQU (*-LBFPNFFL_GOOD)/64
				2634 *
				2635 *
		00013C00 00000001		2636 LBFPOUT_GOOD EQU *
00013C00	E2C4C2D9 40C640D6			2637 DC CL48 'SDBR F 0vf1'
00013C30	7FFFFFFF FFFFFFFF			2638 DC XL16 '7FFFFFFF7FFFFFFF7FFFFFFF7FFFFFFF'
00013C40	E2C4C240 C640D6A5			2639 DC CL48 'SDB F 0vf1'
00013C70	7FFFFFFF FFFFFFFF			2640 DC XL16 '7FFFFFFF7FFFFFFF7FFFFFFF7FFFFFFF'
00013C80	E2C4C2D9 40C640E4			2641 DC CL48 'SDBR F Uf1 1'
00013CB0	000FFFFF FFFFFFFF			2642 DC XL16 '000FFFFFFFF600FFFFFFFFF'
00013CC0	E2C4C240 C640E486			2643 DC CL48 'SDB F Uf1 1'
00013CF0	000FFFFF FFFFFFFF			2644 DC XL16 '000FFFFFFFF600FFFFFFFFF'
00013D00	E2C4C2D9 40C640E4			2645 DC CL48 'SDBR F Uf1 2'
00013D30	00070F10 00000000			2646 DC XL16 '00070F1000000005FFC3C400000000'
00013D40	E2C4C240 C640E486			2647 DC CL48 'SDB F Uf1 2'
00013D70	00070F10 00000000			2648 DC XL16 '00070F1000000005FFC3C400000000'
00013D80	E2C4C2D9 40C640D5			2649 DC CL48 'SDBR F Nmin'
00013DB0	00100000 00000000			2650 DC XL16 '0010000000000001000000000000'
00013DC0	E2C4C240 C640D594			2651 DC CL48 'SDB F Nmin'
00013DF0	00100000 00000000			2652 DC XL16 '0010000000000001000000000000'
00013E00	E2C4C2D9 40C640C9			2653 DC CL48 'SDBR F Incr'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00013E30	3FF00000 00000000			2654 DC XL16 '3FF0000000000003FF00000000000000'
00013E40	E2C4C240 C640C995			2655 DC CL48 'SDB F Incr'
00013E70	3FF00000 00000000			2656 DC XL16 '3FF0000000000003FF00000000000000'
00013E80	E2C4C2D9 40C640E3			2657 DC CL48 'SDBR F Trun'
00013EB0	3FFFFFFF FFFFFFFF			2658 DC XL16 '3FEFFFFFFFFF3FEFFFFFFFFF'
00013EC0	E2C4C240 C640E399			2659 DC CL48 'SDB F Trun'
00013EF0	3FFFFFFF FFFFFFFF	0000000C	00000001	2660 DC XL16 '3FEFFFFFFFFF3FEFFFFFFFFF'
				2661 LBPOUT_NUM EQU (*-LBPOUT_GOOD)/64
				2662 *
				2663 *
		00013F00	00000001	2664 LBFPFLGS_GOOD EQU *
00013F00	E2C4C2D9 61E2C4C2			2665 DC CL48 'SDBR/SDB F Ovfl FPCR'
00013F30	00000003 F8000003			2666 DC XL16 '00000003F800000300000003F8000003'
00013F40	E2C4C2D9 61E2C4C2			2667 DC CL48 'SDBR/SDB F Ufl 1 FPCR'
00013F70	00000002 F8001002			2668 DC XL16 '00000002F800100200000002F8001002'
00013F80	E2C4C2D9 61E2C4C2			2669 DC CL48 'SDBR/SDB F Ufl 2 FPCR'
00013FB0	00000002 F8001002			2670 DC XL16 '00000002F800100200000002F8001002'
00013FC0	E2C4C2D9 61E2C4C2			2671 DC CL48 'SDBR/SDB F Nmin FPCR'
00013FF0	00000002 F8000002			2672 DC XL16 '00000002F800000200000002F8000002'
00014000	E2C4C2D9 61E2C4C2			2673 DC CL48 'SDBR/SDB F Incr FPCR'
00014030	00080002 F8000C02			2674 DC XL16 '00080002F8000C0200080002F8000C02'
00014040	E2C4C2D9 61E2C4C2			2675 DC CL48 'SDBR/SDB F Trun FPCR'
00014070	00080002 F8000802	00000006	00000001	2676 DC XL16 '00080002F800080200080002F8000802'
				2677 LBFPFLGS_NUM EQU (*-LBFPFLGS_GOOD)/64
				2678 *
				2679 *
		00014080	00000001	2680 LBPRMO_GOOD EQU *
00014080	E2C4C2D9 61E2C4C2			2681 DC CL48 'SDBR/SDB RM +NZ RNTE'
000140B0	3FFFFFFF FFFFFFFF			2682 DC XL16 '3FEFFFFFFFFF3FEFFFFFFFFF'
000140C0	E2C4C2D9 61E2C4C2			2683 DC CL48 'SDBR/SDB RM +NZ RZ'
000140F0	3FFFFFFF FFFFFFFF			2684 DC XL16 '3FEFFFFFFFFF3FEFFFFFFFFF'
00014100	E2C4C2D9 61E2C4C2			2685 DC CL48 'SDBR/SDB RM +NZ RP'
00014130	3FF00000 00000000			2686 DC XL16 '3FF0000000000003FF000000000000'
00014140	E2C4C2D9 61E2C4C2			2687 DC CL48 'SDBR/SDB RM +NZ RM'
00014170	3FFFFFFF FFFFFFFF			2688 DC XL16 '3FEFFFFFFFFF3FEFFFFFFFFF'
00014180	E2C4C2D9 61E2C4C2			2689 DC CL48 'SDBR/SDB RM +NZ RFS'
000141B0	3FFFFFFF FFFFFFFF			2690 DC XL16 '3FEFFFFFFFFF3FEFFFFFFFFF'
000141C0	E2C4C2D9 61E2C4C2			2691 DC CL48 'SDBR/SDB RM -NZ RNTE'
000141F0	BFFFFFFF FFFFFFFF			2692 DC XL16 'BFFFFFFFBBBBBBBBBBBBBBBBBBBB'
00014200	E2C4C2D9 61E2C4C2			2693 DC CL48 'SDBR/SDB RM -NZ RZ'
00014230	BFFFFFFF FFFFFFFF			2694 DC XL16 'BFFFFFFFBBBBBBBBBBBBBBBBBBBB'
00014240	E2C4C2D9 61E2C4C2			2695 DC CL48 'SDBR/SDB RM -NZ RP'
00014270	BFFFFFFF FFFFFFFF			2696 DC XL16 'BFFFFFFFBBBBBBBBBBBBBBBBBBBB'
00014280	E2C4C2D9 61E2C4C2			2697 DC CL48 'SDBR/SDB RM -NZ RM'
000142B0	BFF00000 00000000			2698 DC XL16 'BFF000000000000BFF000000000000'
000142C0	E2C4C2D9 61E2C4C2			2699 DC CL48 'SDBR/SDB RM -NZ RFS'
000142F0	BFFFFFFF FFFFFFFF			2700 DC XL16 'BFFFFFFFBBBBBBBBBBBBBBBBBBBB'
00014300	E2C4C2D9 61E2C4C2			2701 DC CL48 'SDBR/SDB RM +NA RNTE'
00014330	3FF00000 00000000			2702 DC XL16 '3FF0000000000003FF000000000000'
00014340	E2C4C2D9 61E2C4C2			2703 DC CL48 'SDBR/SDB RM +NA RZ'
00014370	3FFFFFFF FFFFFFFF			2704 DC XL16 '3FEFFFFFFFFF3FEFFFFFFFFF'
00014380	E2C4C2D9 61E2C4C2			2705 DC CL48 'SDBR/SDB RM +NA RP'
000143B0	3FF00000 00000000			2706 DC XL16 '3FF0000000000003FF000000000000'
000143C0	E2C4C2D9 61E2C4C2			2707 DC CL48 'SDBR/SDB RM +NA RM'
000143F0	3FFFFFFF FFFFFFFF			2708 DC XL16 '3FEFFFFFFFFF3FEFFFFFFFFF'
00014400	E2C4C2D9 61E2C4C2			2709 DC CL48 'SDBR/SDB RM +NA RFS'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00014430	3FFFFFF FFFFFFF			2710 DC XL16 '3FFFFFF FFFFFFFF3FFFFFF FFFFFFF'
00014440	E2C4C2D9 61E2C4C2			2711 DC CL48 'SDBR/SDB RM -NA RNTE'
00014470	BFF00000 00000000			2712 DC XL16 'BFF0000000000000BFF0000000000000'
00014480	E2C4C2D9 61E2C4C2			2713 DC CL48 'SDBR/SDB RM -NA RZ'
000144B0	BFFFFFF FFFFFFF			2714 DC XL16 'BFFFFFF FFFFFFFBFFFFFF FFFFFFF'
000144C0	E2C4C2D9 61E2C4C2			2715 DC CL48 'SDBR/SDB RM -NA RP'
000144F0	BFFFFFF FFFFFFF			2716 DC XL16 'BFFFFFF FFFFFFFBFFFFFF FFFFFFF'
00014500	E2C4C2D9 61E2C4C2			2717 DC CL48 'SDBR/SDB RM -NA RM'
00014530	BFF00000 00000000			2718 DC XL16 'BFF0000000000000BFF0000000000000'
00014540	E2C4C2D9 61E2C4C2			2719 DC CL48 'SDBR/SDB RM -NA RFS'
00014570	BFFFFFF FFFFFFF			2720 DC XL16 'BFFFFFF FFFFFFFBFFFFFF FFFFFFF'
00014580	E2C4C2D9 61E2C4C2			2721 DC CL48 'SDBR/SDB RM +TZ RNTE'
000145B0	3FFFFFF FFFFFFFE			2722 DC XL16 '3FFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
000145C0	E2C4C2D9 61E2C4C2			2723 DC CL48 'SDBR/SDB RM +TZ RZ'
000145F0	3FFFFFF FFFFFFFE			2724 DC XL16 '3FFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
00014600	E2C4C2D9 61E2C4C2			2725 DC CL48 'SDBR/SDB RM +TZ RP'
00014630	3FFFFFF FFFFFFF			2726 DC XL16 '3FFFFFF FFFFFFF3FFFFFF FFFFFFF'
00014640	E2C4C2D9 61E2C4C2			2727 DC CL48 'SDBR/SDB RM +TZ RM'
00014670	3FFFFFF FFFFFFFE			2728 DC XL16 '3FFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
00014680	E2C4C2D9 61E2C4C2			2729 DC CL48 'SDBR/SDB RM +TZ RFS'
000146B0	3FFFFFF FFFFFFF			2730 DC XL16 '3FFFFFF FFFFFFF3FFFFFF FFFFFFF'
000146C0	E2C4C2D9 61E2C4C2			2731 DC CL48 'SDBR/SDB RM -TZ RNTE'
000146F0	BFFFFFF FFFFFFFE			2732 DC XL16 'BFFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
00014700	E2C4C2D9 61E2C4C2			2733 DC CL48 'SDBR/SDB RM -TZ RZ'
00014730	BFFFFFF FFFFFFFE			2734 DC XL16 'BFFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
00014740	E2C4C2D9 61E2C4C2			2735 DC CL48 'SDBR/SDB RM -TZ RP'
00014770	BFFFFFF FFFFFFFE			2736 DC XL16 'BFFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
00014780	E2C4C2D9 61E2C4C2			2737 DC CL48 'SDBR/SDB RM -TZ RM'
000147B0	BFFFFFF FFFFFFF			2738 DC XL16 'BFFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
000147C0	E2C4C2D9 61E2C4C2			2739 DC CL48 'SDBR/SDB RM -TZ RFS'
000147F0	BFFFFFF FFFFFFF			2740 DC XL16 'BFFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
00014800	E2C4C2D9 61E2C4C2			2741 DC CL48 'SDBR/SDB RM +TA RNTE'
00014830	3FF00000 00000000			2742 DC XL16 '3FF000000000003FF0000000000000'
00014840	E2C4C2D9 61E2C4C2			2743 DC CL48 'SDBR/SDB RM +TA RZ'
00014870	3FFFFFF FFFFFFF			2744 DC XL16 '3FFFFFF FFFFFFF3FFFFFF FFFFFFF'
00014880	E2C4C2D9 61E2C4C2			2745 DC CL48 'SDBR/SDB RM +TA RP'
000148B0	3FF00000 00000000			2746 DC XL16 '3FF000000000003FF0000000000000'
000148C0	E2C4C2D9 61E2C4C2			2747 DC CL48 'SDBR/SDB RM +TA RM'
000148F0	3FFFFFF FFFFFFF			2748 DC XL16 '3FFFFFF FFFFFFF3FFFFFF FFFFFFFE'
00014900	E2C4C2D9 61E2C4C2			2749 DC CL48 'SDBR/SDB RM +TA RFS'
00014930	3FFFFFF FFFFFFF			2750 DC XL16 '3FFFFFF FFFFFFF3FFFFFF FFFFFFFE'
00014940	E2C4C2D9 61E2C4C2			2751 DC CL48 'SDBR/SDB RM -TA RNTE'
00014970	BFF00000 00000000			2752 DC XL16 'BFF00000000000BFF0000000000000'
00014980	E2C4C2D9 61E2C4C2			2753 DC CL48 'SDBR/SDB RM -TA RZ'
000149B0	BFFFFFF FFFFFFF			2754 DC XL16 'BFFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
000149C0	E2C4C2D9 61E2C4C2			2755 DC CL48 'SDBR/SDB RM -TA RP'
000149F0	BFFFFFF FFFFFFF			2756 DC XL16 'BFFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
00014A00	E2C4C2D9 61E2C4C2			2757 DC CL48 'SDBR/SDB RM -TA RM'
00014A30	BFF00000 00000000			2758 DC XL16 'BFF00000000000BFF0000000000000'
00014A40	E2C4C2D9 61E2C4C2			2759 DC CL48 'SDBR/SDB RM -TA RFS'
00014A70	BFFFFFF FFFFFFF	00000028	00000001	2760 DC XL16 'BFFFFFF FFFFFFFE3FFFFFF FFFFFFFE'
				2761 LBPRMO_NUM EQU (*-LBPRMO_GOOD)/64
				2762 *
				2763 *
		00014A80	00000001	2764 LBPRMO_GOOD EQU *
00014A80	E2C4C2D9 61E2C4C2			2765 DC CL48 'SDBR/SDB RM +NZ RNTE, RZ FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00015130	FFFF0000 00000000			2822 DC XL16 'FFFF0000000000000000000000000000'
00015140	E2E7C2D9 40D5C640			2823 DC CL48 'SXBR NF -inf/-2.0 Tr'
00015170	FFFF0000 00000000			2824 DC XL16 'FFFF0000000000000000000000000000'
00015180	E2E7C2D9 40D5C640			2825 DC CL48 'SXBR NF -inf/-Dnice NT'
000151B0	FFFF0000 00000000			2826 DC XL16 'FFFF0000000000000000000000000000'
000151C0	E2E7C2D9 40D5C640			2827 DC CL48 'SXBR NF -inf/-Dnice Tr'
000151F0	FFFF0000 00000000			2828 DC XL16 'FFFF0000000000000000000000000000'
00015200	E2E7C2D9 40D5C640			2829 DC CL48 'SXBR NF -inf/-0 NT'
00015230	FFFF0000 00000000			2830 DC XL16 'FFFF0000000000000000000000000000'
00015240	E2E7C2D9 40D5C640			2831 DC CL48 'SXBR NF -inf/-0 Tr'
00015270	FFFF0000 00000000			2832 DC XL16 'FFFF0000000000000000000000000000'
00015280	E2E7C2D9 40D5C640			2833 DC CL48 'SXBR NF -inf/+0 NT'
000152B0	FFFF0000 00000000			2834 DC XL16 'FFFF0000000000000000000000000000'
000152C0	E2E7C2D9 40D5C640			2835 DC CL48 'SXBR NF -inf/+0 Tr'
000152F0	FFFF0000 00000000			2836 DC XL16 'FFFF0000000000000000000000000000'
00015300	E2E7C2D9 40D5C640			2837 DC CL48 'SXBR NF -inf/+Dnice NT'
00015330	FFFF0000 00000000			2838 DC XL16 'FFFF0000000000000000000000000000'
00015340	E2E7C2D9 40D5C640			2839 DC CL48 'SXBR NF -inf/+Dnice Tr'
00015370	FFFF0000 00000000			2840 DC XL16 'FFFF0000000000000000000000000000'
00015380	E2E7C2D9 40D5C640			2841 DC CL48 'SXBR NF -inf/+2.0 NT'
000153B0	FFFF0000 00000000			2842 DC XL16 'FFFF0000000000000000000000000000'
000153C0	E2E7C2D9 40D5C640			2843 DC CL48 'SXBR NF -inf/+2.0 Tr'
000153F0	FFFF0000 00000000			2844 DC XL16 'FFFF0000000000000000000000000000'
00015400	E2E7C2D9 40D5C640			2845 DC CL48 'SXBR NF -inf/+inf NT'
00015430	FFFF0000 00000000			2846 DC XL16 'FFFF0000000000000000000000000000'
00015440	E2E7C2D9 40D5C640			2847 DC CL48 'SXBR NF -inf/+inf Tr'
00015470	FFFF0000 00000000			2848 DC XL16 'FFFF0000000000000000000000000000'
00015480	E2E7C2D9 40D5C640			2849 DC CL48 'SXBR NF -inf/-QNaN NT'
000154B0	FFFF8B00 00000000			2850 DC XL16 'FFFF8B00000000000000000000000000'
000154C0	E2E7C2D9 40D5C640			2851 DC CL48 'SXBR NF -inf/-QNaN Tr'
000154F0	FFFF8B00 00000000			2852 DC XL16 'FFFF8B00000000000000000000000000'
00015500	E2E7C2D9 40D5C640			2853 DC CL48 'SXBR NF -inf/+SNaN NT'
00015530	7FFF8A00 00000000			2854 DC XL16 '7FFF8A00000000000000000000000000'
00015540	E2E7C2D9 40D5C640			2855 DC CL48 'SXBR NF -inf/+SNaN Tr'
00015570	FFFF0000 00000000			2856 DC XL16 'FFFF0000000000000000000000000000'
00015580	E2E7C2D9 40D5C640			2857 DC CL48 'SXBR NF -2.0/-inf NT'
000155B0	7FFF0000 00000000			2858 DC XL16 '7FFF0000000000000000000000000000'
000155C0	E2E7C2D9 40D5C640			2859 DC CL48 'SXBR NF -2.0/-inf Tr'
000155F0	7FFF0000 00000000			2860 DC XL16 '7FFF0000000000000000000000000000'
00015600	E2E7C2D9 40D5C640			2861 DC CL48 'SXBR NF -2.0/-2.0 NT'
00015630	00000000 00000000			2862 DC XL16 '00000000000000000000000000000000'
00015640	E2E7C2D9 40D5C640			2863 DC CL48 'SXBR NF -2.0/-2.0 Tr'
00015670	00000000 00000000			2864 DC XL16 '00000000000000000000000000000000'
00015680	E2E7C2D9 40D5C640			2865 DC CL48 'SXBR NF -2.0/-Dnice NT'
000156B0	C0000000 00000000			2866 DC XL16 'C00000000000000000000000000000000'
000156C0	E2E7C2D9 40D5C640			2867 DC CL48 'SXBR NF -2.0/-Dnice Tr'
000156F0	C0000000 00000000			2868 DC XL16 'C00000000000000000000000000000000'
00015700	E2E7C2D9 40D5C640			2869 DC CL48 'SXBR NF -2.0/-0 NT'
00015730	C0000000 00000000			2870 DC XL16 'C00000000000000000000000000000000'
00015740	E2E7C2D9 40D5C640			2871 DC CL48 'SXBR NF -2.0/-0 Tr'
00015770	C0000000 00000000			2872 DC XL16 'C00000000000000000000000000000000'
00015780	E2E7C2D9 40D5C640			2873 DC CL48 'SXBR NF -2.0/+0 NT'
000157B0	C0000000 00000000			2874 DC XL16 'C00000000000000000000000000000000'
000157C0	E2E7C2D9 40D5C640			2875 DC CL48 'SXBR NF -2.0/+0 Tr'
000157F0	C0000000 00000000			2876 DC XL16 'C00000000000000000000000000000000'
00015800	E2E7C2D9 40D5C640			2877 DC CL48 'SXBR NF -2.0/+Dnice NT'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00015830	C0000000 00000000			2878 DC XL16 'C00000000000000000000000000000000'
00015840	E2E7C2D9 40D5C640			2879 DC CL48 'SXBR NF -2.0/+Dnice Tr'
00015870	C0000000 00000000			2880 DC XL16 'C00000000000000000000000000000000'
00015880	E2E7C2D9 40D5C640			2881 DC CL48 'SXBR NF -2.0/+2.0 NT'
000158B0	C0010000 00000000			2882 DC XL16 'C00100000000000000000000000000000'
000158C0	E2E7C2D9 40D5C640			2883 DC CL48 'SXBR NF -2.0/+2.0 Tr'
000158F0	C0010000 00000000			2884 DC XL16 'C00100000000000000000000000000000'
00015900	E2E7C2D9 40D5C640			2885 DC CL48 'SXBR NF -2.0/+inf NT'
00015930	FFFF0000 00000000			2886 DC XL16 'FFFF0000000000000000000000000000'
00015940	E2E7C2D9 40D5C640			2887 DC CL48 'SXBR NF -2.0/+inf Tr'
00015970	FFFF0000 00000000			2888 DC XL16 'FFFF0000000000000000000000000000'
00015980	E2E7C2D9 40D5C640			2889 DC CL48 'SXBR NF -2.0/-QNaN NT'
000159B0	FFFF8B00 00000000			2890 DC XL16 'FFFF8B00000000000000000000000000'
000159C0	E2E7C2D9 40D5C640			2891 DC CL48 'SXBR NF -2.0/-QNaN Tr'
000159F0	FFFF8B00 00000000			2892 DC XL16 'FFFF8B00000000000000000000000000'
00015A00	E2E7C2D9 40D5C640			2893 DC CL48 'SXBR NF -2.0/+SNaN NT'
00015A30	7FFF8A00 00000000			2894 DC XL16 '7FFF8A00000000000000000000000000'
00015A40	E2E7C2D9 40D5C640			2895 DC CL48 'SXBR NF -2.0/+SNaN Tr'
00015A70	C0000000 00000000			2896 DC XL16 'C00000000000000000000000000000000'
00015A80	E2E7C2D9 40D5C640			2897 DC CL48 'SXBR NF -Dnice/-inf NT'
00015AB0	7FFF0000 00000000			2898 DC XL16 '7FFF0000000000000000000000000000'
00015AC0	E2E7C2D9 40D5C640			2899 DC CL48 'SXBR NF -Dnice/-inf Tr'
00015AF0	7FFF0000 00000000			2900 DC XL16 '7FFF0000000000000000000000000000'
00015B00	E2E7C2D9 40D5C640			2901 DC CL48 'SXBR NF -Dnice/-2.0 NT'
00015B30	40000000 00000000			2902 DC XL16 '40000000000000000000000000000000'
00015B40	E2E7C2D9 40D5C640			2903 DC CL48 'SXBR NF -Dnice/-2.0 Tr'
00015B70	40000000 00000000			2904 DC XL16 '40000000000000000000000000000000'
00015B80	E2E7C2D9 40D5C640			2905 DC CL48 'SXBR NF -Dnice/-Dnice NT'
00015BB0	00000000 00000000			2906 DC XL16 '00000000000000000000000000000000'
00015BC0	E2E7C2D9 40D5C640			2907 DC CL48 'SXBR NF -Dnice/-Dnice Tr'
00015BF0	00000000 00000000			2908 DC XL16 '00000000000000000000000000000000'
00015C00	E2E7C2D9 40D5C640			2909 DC CL48 'SXBR NF -Dnice/-0 NT'
00015C30	80001000 00000000			2910 DC XL16 '80001000000000000000000000000000'
00015C40	E2E7C2D9 40D5C640			2911 DC CL48 'SXBR NF -Dnice/-0 Tr'
00015C70	DFFD0000 00000000			2912 DC XL16 'DFFD0000000000000000000000000000'
00015C80	E2E7C2D9 40D5C640			2913 DC CL48 'SXBR NF -Dnice/+0 NT'
00015CB0	80001000 00000000			2914 DC XL16 '80001000000000000000000000000000'
00015CC0	E2E7C2D9 40D5C640			2915 DC CL48 'SXBR NF -Dnice/+0 Tr'
00015CF0	DFFD0000 00000000			2916 DC XL16 'DFFD0000000000000000000000000000'
00015D00	E2E7C2D9 40D5C640			2917 DC CL48 'SXBR NF -Dnice/+Dnice NT'
00015D30	80002000 00000000			2918 DC XL16 '80002000000000000000000000000000'
00015D40	E2E7C2D9 40D5C640			2919 DC CL48 'SXBR NF -Dnice/+Dnice Tr'
00015D70	DFFE0000 00000000			2920 DC XL16 'DFFE0000000000000000000000000000'
00015D80	E2E7C2D9 40D5C640			2921 DC CL48 'SXBR NF -Dnice/+2.0 NT'
00015DB0	C0000000 00000000			2922 DC XL16 'C00000000000000000000000000000000'
00015DC0	E2E7C2D9 40D5C640			2923 DC CL48 'SXBR NF -Dnice/+2.0 Tr'
00015DF0	C0000000 00000000			2924 DC XL16 'C00000000000000000000000000000000'
00015E00	E2E7C2D9 40D5C640			2925 DC CL48 'SXBR NF -Dnice/+inf NT'
00015E30	FFFF0000 00000000			2926 DC XL16 'FFFF0000000000000000000000000000'
00015E40	E2E7C2D9 40D5C640			2927 DC CL48 'SXBR NF -Dnice/+inf Tr'
00015E70	FFFF0000 00000000			2928 DC XL16 'FFFF0000000000000000000000000000'
00015E80	E2E7C2D9 40D5C640			2929 DC CL48 'SXBR NF -Dnice/-QNaN NT'
00015EB0	FFFF8B00 00000000			2930 DC XL16 'FFFF8B00000000000000000000000000'
00015EC0	E2E7C2D9 40D5C640			2931 DC CL48 'SXBR NF -Dnice/-QNaN Tr'
00015EF0	FFFF8B00 00000000			2932 DC XL16 'FFFF8B00000000000000000000000000'
00015F00	E2E7C2D9 40D5C640			2933 DC CL48 'SXBR NF -Dnice/+SNaN NT'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00015F30	7FFF8A00 00000000			2934 DC XL16 '7FFF8A00000000000000000000000000'
00015F40	E2E7C2D9 40D5C640			2935 DC CL48 'SXBR NF -Dnice/+SNaN Tr'
00015F70	80001000 00000000			2936 DC XL16 '80001000000000000000000000000000'
00015F80	E2E7C2D9 40D5C640			2937 DC CL48 'SXBR NF -0/-inf NT'
00015FB0	7FFF0000 00000000			2938 DC XL16 '7FFF0000000000000000000000000000'
00015FC0	E2E7C2D9 40D5C640			2939 DC CL48 'SXBR NF -0/-inf Tr'
00015FF0	7FFF0000 00000000			2940 DC XL16 '7FFF0000000000000000000000000000'
00016000	E2E7C2D9 40D5C640			2941 DC CL48 'SXBR NF -0/-2.0 NT'
00016030	40000000 00000000			2942 DC XL16 '40000000000000000000000000000000'
00016040	E2E7C2D9 40D5C640			2943 DC CL48 'SXBR NF -0/-2.0 Tr'
00016070	40000000 00000000			2944 DC XL16 '40000000000000000000000000000000'
00016080	E2E7C2D9 40D5C640			2945 DC CL48 'SXBR NF -0/-Dnice NT'
000160B0	00001000 00000000			2946 DC XL16 '00001000000000000000000000000000'
000160C0	E2E7C2D9 40D5C640			2947 DC CL48 'SXBR NF -0/-Dnice Tr'
000160F0	5FFD0000 00000000			2948 DC XL16 '5FFD0000000000000000000000000000'
00016100	E2E7C2D9 40D5C640			2949 DC CL48 'SXBR NF -0/-0 NT'
00016130	00000000 00000000			2950 DC XL16 '00000000000000000000000000000000'
00016140	E2E7C2D9 40D5C640			2951 DC CL48 'SXBR NF -0/-0 Tr'
00016170	00000000 00000000			2952 DC XL16 '00000000000000000000000000000000'
00016180	E2E7C2D9 40D5C640			2953 DC CL48 'SXBR NF -0/+0 NT'
000161B0	80000000 00000000			2954 DC XL16 '80000000000000000000000000000000'
000161C0	E2E7C2D9 40D5C640			2955 DC CL48 'SXBR NF -0/+0 Tr'
000161F0	80000000 00000000			2956 DC XL16 '80000000000000000000000000000000'
00016200	E2E7C2D9 40D5C640			2957 DC CL48 'SXBR NF -0/+Dnice NT'
00016230	80001000 00000000			2958 DC XL16 '80001000000000000000000000000000'
00016240	E2E7C2D9 40D5C640			2959 DC CL48 'SXBR NF -0/+Dnice Tr'
00016270	DFFD0000 00000000			2960 DC XL16 'DFFD0000000000000000000000000000'
00016280	E2E7C2D9 40D5C640			2961 DC CL48 'SXBR NF -0/+2.0 NT'
000162B0	C0000000 00000000			2962 DC XL16 'C0000000000000000000000000000000'
000162C0	E2E7C2D9 40D5C640			2963 DC CL48 'SXBR NF -0/+2.0 Tr'
000162F0	C0000000 00000000			2964 DC XL16 'C0000000000000000000000000000000'
00016300	E2E7C2D9 40D5C640			2965 DC CL48 'SXBR NF -0/+inf NT'
00016330	FFFF0000 00000000			2966 DC XL16 'FFFF0000000000000000000000000000'
00016340	E2E7C2D9 40D5C640			2967 DC CL48 'SXBR NF -0/+inf Tr'
00016370	FFFF0000 00000000			2968 DC XL16 'FFFF0000000000000000000000000000'
00016380	E2E7C2D9 40D5C640			2969 DC CL48 'SXBR NF -0/-QNaN NT'
000163B0	FFFF8B00 00000000			2970 DC XL16 'FFFF8B00000000000000000000000000'
000163C0	E2E7C2D9 40D5C640			2971 DC CL48 'SXBR NF -0/-QNaN Tr'
000163F0	FFFF8B00 00000000			2972 DC XL16 'FFFF8B00000000000000000000000000'
00016400	E2E7C2D9 40D5C640			2973 DC CL48 'SXBR NF -0/+SNaN NT'
00016430	7FFF8A00 00000000			2974 DC XL16 '7FFF8A00000000000000000000000000'
00016440	E2E7C2D9 40D5C640			2975 DC CL48 'SXBR NF -0/+SNaN Tr'
00016470	80000000 00000000			2976 DC XL16 '80000000000000000000000000000000'
00016480	E2E7C2D9 40D5C640			2977 DC CL48 'SXBR NF +0/-inf NT'
000164B0	7FFF0000 00000000			2978 DC XL16 '7FFF0000000000000000000000000000'
000164C0	E2E7C2D9 40D5C640			2979 DC CL48 'SXBR NF +0/-inf Tr'
000164F0	7FFF0000 00000000			2980 DC XL16 '7FFF0000000000000000000000000000'
00016500	E2E7C2D9 40D5C640			2981 DC CL48 'SXBR NF +0/-2.0 NT'
00016530	40000000 00000000			2982 DC XL16 '40000000000000000000000000000000'
00016540	E2E7C2D9 40D5C640			2983 DC CL48 'SXBR NF +0/-2.0 Tr'
00016570	40000000 00000000			2984 DC XL16 '40000000000000000000000000000000'
00016580	E2E7C2D9 40D5C640			2985 DC CL48 'SXBR NF +0/-Dnice NT'
000165B0	00001000 00000000			2986 DC XL16 '00001000000000000000000000000000'
000165C0	E2E7C2D9 40D5C640			2987 DC CL48 'SXBR NF +0/-Dnice Tr'
000165F0	5FFD0000 00000000			2988 DC XL16 '5FFD0000000000000000000000000000'
00016600	E2E7C2D9 40D5C640			2989 DC CL48 'SXBR NF +0/-0 NT'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00016630	00000000 00000000			2990 DC XL16 '00000000000000000000000000000000'
00016640	E2E7C2D9 40D5C640			2991 DC CL48 'SXBR NF +0/-0 Tr'
00016670	00000000 00000000			2992 DC XL16 '00000000000000000000000000000000'
00016680	E2E7C2D9 40D5C640			2993 DC CL48 'SXBR NF +0/+0 NT'
000166B0	00000000 00000000			2994 DC XL16 '00000000000000000000000000000000'
000166C0	E2E7C2D9 40D5C640			2995 DC CL48 'SXBR NF +0/+0 Tr'
000166F0	00000000 00000000			2996 DC XL16 '00000000000000000000000000000000'
00016700	E2E7C2D9 40D5C640			2997 DC CL48 'SXBR NF +0/+Dnice NT'
00016730	80001000 00000000			2998 DC XL16 '80001000000000000000000000000000'
00016740	E2E7C2D9 40D5C640			2999 DC CL48 'SXBR NF +0/+Dnice Tr'
00016770	DFFD0000 00000000			3000 DC XL16 'DFFD0000000000000000000000000000'
00016780	E2E7C2D9 40D5C640			3001 DC CL48 'SXBR NF +0/+2.0 NT'
000167B0	C0000000 00000000			3002 DC XL16 'C0000000000000000000000000000000'
000167C0	E2E7C2D9 40D5C640			3003 DC CL48 'SXBR NF +0/+2.0 Tr'
000167F0	C0000000 00000000			3004 DC XL16 'C0000000000000000000000000000000'
00016800	E2E7C2D9 40D5C640			3005 DC CL48 'SXBR NF +0/+inf NT'
00016830	FFFF0000 00000000			3006 DC XL16 'FFFF0000000000000000000000000000'
00016840	E2E7C2D9 40D5C640			3007 DC CL48 'SXBR NF +0/+inf Tr'
00016870	FFFF0000 00000000			3008 DC XL16 'FFFF0000000000000000000000000000'
00016880	E2E7C2D9 40D5C640			3009 DC CL48 'SXBR NF +0/-QNaN NT'
000168B0	FFFF8B00 00000000			3010 DC XL16 'FFFF8B00000000000000000000000000'
000168C0	E2E7C2D9 40D5C640			3011 DC CL48 'SXBR NF +0/-QNaN Tr'
000168F0	FFFF8B00 00000000			3012 DC XL16 'FFFF8B00000000000000000000000000'
00016900	E2E7C2D9 40D5C640			3013 DC CL48 'SXBR NF +0/+SNaN NT'
00016930	7FFF8A00 00000000			3014 DC XL16 '7FFF8A00000000000000000000000000'
00016940	E2E7C2D9 40D5C640			3015 DC CL48 'SXBR NF +0/+SNaN Tr'
00016970	00000000 00000000			3016 DC XL16 '00000000000000000000000000000000'
00016980	E2E7C2D9 40D5C640			3017 DC CL48 'SXBR NF +Dnice/-inf NT'
000169B0	7FFF0000 00000000			3018 DC XL16 '7FFF0000000000000000000000000000'
000169C0	E2E7C2D9 40D5C640			3019 DC CL48 'SXBR NF +Dnice/-inf Tr'
000169F0	7FFF0000 00000000			3020 DC XL16 '7FFF0000000000000000000000000000'
00016A00	E2E7C2D9 40D5C640			3021 DC CL48 'SXBR NF +Dnice/-2.0 NT'
00016A30	40000000 00000000			3022 DC XL16 '40000000000000000000000000000000'
00016A40	E2E7C2D9 40D5C640			3023 DC CL48 'SXBR NF +Dnice/-2.0 Tr'
00016A70	40000000 00000000			3024 DC XL16 '40000000000000000000000000000000'
00016A80	E2E7C2D9 40D5C640			3025 DC CL48 'SXBR NF +Dnice/-Dnice NT'
00016AB0	00002000 00000000			3026 DC XL16 '00002000000000000000000000000000'
00016AC0	E2E7C2D9 40D5C640			3027 DC CL48 'SXBR NF +Dnice/-Dnice Tr'
00016AF0	5FFE0000 00000000			3028 DC XL16 '5FFE0000000000000000000000000000'
00016B00	E2E7C2D9 40D5C640			3029 DC CL48 'SXBR NF +Dnice/-0 NT'
00016B30	00001000 00000000			3030 DC XL16 '00001000000000000000000000000000'
00016B40	E2E7C2D9 40D5C640			3031 DC CL48 'SXBR NF +Dnice/-0 Tr'
00016B70	5FFD0000 00000000			3032 DC XL16 '5FFD0000000000000000000000000000'
00016B80	E2E7C2D9 40D5C640			3033 DC CL48 'SXBR NF +Dnice/+0 NT'
00016BB0	00001000 00000000			3034 DC XL16 '00001000000000000000000000000000'
00016BC0	E2E7C2D9 40D5C640			3035 DC CL48 'SXBR NF +Dnice/+0 Tr'
00016BF0	5FFD0000 00000000			3036 DC XL16 '5FFD0000000000000000000000000000'
00016C00	E2E7C2D9 40D5C640			3037 DC CL48 'SXBR NF +Dnice/+Dnice NT'
00016C30	00000000 00000000			3038 DC XL16 '00000000000000000000000000000000'
00016C40	E2E7C2D9 40D5C640			3039 DC CL48 'SXBR NF +Dnice/+Dnice Tr'
00016C70	00000000 00000000			3040 DC XL16 '00000000000000000000000000000000'
00016C80	E2E7C2D9 40D5C640			3041 DC CL48 'SXBR NF +Dnice/+2.0 NT'
00016CB0	C0000000 00000000			3042 DC XL16 'C0000000000000000000000000000000'
00016CC0	E2E7C2D9 40D5C640			3043 DC CL48 'SXBR NF +Dnice/+2.0 Tr'
00016CF0	C0000000 00000000			3044 DC XL16 'C0000000000000000000000000000000'
00016D00	E2E7C2D9 40D5C640			3045 DC CL48 'SXBR NF +Dnice/+inf NT'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00016D30	FFFF0000 00000000			3046 DC XL16 'FFFF0000000000000000000000000000'
00016D40	E2E7C2D9 40D5C640			3047 DC CL48 'SXBR NF +Dnice/+inf Tr'
00016D70	FFFF0000 00000000			3048 DC XL16 'FFFF0000000000000000000000000000'
00016D80	E2E7C2D9 40D5C640			3049 DC CL48 'SXBR NF +Dnice/-QNaN NT'
00016DB0	FFFF8B00 00000000			3050 DC XL16 'FFFF8B00000000000000000000000000'
00016DC0	E2E7C2D9 40D5C640			3051 DC CL48 'SXBR NF +Dnice/-QNaN Tr'
00016DF0	FFFF8B00 00000000			3052 DC XL16 'FFFF8B00000000000000000000000000'
00016E00	E2E7C2D9 40D5C640			3053 DC CL48 'SXBR NF +Dnice/+SNaN NT'
00016E30	7FFF8A00 00000000			3054 DC XL16 '7FFF8A00000000000000000000000000'
00016E40	E2E7C2D9 40D5C640			3055 DC CL48 'SXBR NF +Dnice/+SNaN Tr'
00016E70	00001000 00000000			3056 DC XL16 '00001000000000000000000000000000'
00016E80	E2E7C2D9 40D5C640			3057 DC CL48 'SXBR NF +2.0/-inf NT'
00016EB0	7FFF0000 00000000			3058 DC XL16 '7FFF0000000000000000000000000000'
00016EC0	E2E7C2D9 40D5C640			3059 DC CL48 'SXBR NF +2.0/-inf Tr'
00016EF0	7FFF0000 00000000			3060 DC XL16 '7FFF0000000000000000000000000000'
00016F00	E2E7C2D9 40D5C640			3061 DC CL48 'SXBR NF +2.0/-2.0 NT'
00016F30	40010000 00000000			3062 DC XL16 '40010000000000000000000000000000'
00016F40	E2E7C2D9 40D5C640			3063 DC CL48 'SXBR NF +2.0/-2.0 Tr'
00016F70	40010000 00000000			3064 DC XL16 '40010000000000000000000000000000'
00016F80	E2E7C2D9 40D5C640			3065 DC CL48 'SXBR NF +2.0/-Dnice NT'
00016FB0	40000000 00000000			3066 DC XL16 '40000000000000000000000000000000'
00016FC0	E2E7C2D9 40D5C640			3067 DC CL48 'SXBR NF +2.0/-Dnice Tr'
00016FF0	40000000 00000000			3068 DC XL16 '40000000000000000000000000000000'
00017000	E2E7C2D9 40D5C640			3069 DC CL48 'SXBR NF +2.0/-0 NT'
00017030	40000000 00000000			3070 DC XL16 '40000000000000000000000000000000'
00017040	E2E7C2D9 40D5C640			3071 DC CL48 'SXBR NF +2.0/-0 Tr'
00017070	40000000 00000000			3072 DC XL16 '40000000000000000000000000000000'
00017080	E2E7C2D9 40D5C640			3073 DC CL48 'SXBR NF +2.0/+0 NT'
000170B0	40000000 00000000			3074 DC XL16 '40000000000000000000000000000000'
000170C0	E2E7C2D9 40D5C640			3075 DC CL48 'SXBR NF +2.0/+0 Tr'
000170F0	40000000 00000000			3076 DC XL16 '40000000000000000000000000000000'
00017100	E2E7C2D9 40D5C640			3077 DC CL48 'SXBR NF +2.0/+Dnice NT'
00017130	40000000 00000000			3078 DC XL16 '40000000000000000000000000000000'
00017140	E2E7C2D9 40D5C640			3079 DC CL48 'SXBR NF +2.0/+Dnice Tr'
00017170	40000000 00000000			3080 DC XL16 '40000000000000000000000000000000'
00017180	E2E7C2D9 40D5C640			3081 DC CL48 'SXBR NF +2.0/+2.0 NT'
000171B0	00000000 00000000			3082 DC XL16 '00000000000000000000000000000000'
000171C0	E2E7C2D9 40D5C640			3083 DC CL48 'SXBR NF +2.0/+2.0 Tr'
000171F0	00000000 00000000			3084 DC XL16 '00000000000000000000000000000000'
00017200	E2E7C2D9 40D5C640			3085 DC CL48 'SXBR NF +2.0/+inf NT'
00017230	FFFF0000 00000000			3086 DC XL16 'FFFF0000000000000000000000000000'
00017240	E2E7C2D9 40D5C640			3087 DC CL48 'SXBR NF +2.0/+inf Tr'
00017270	FFFF0000 00000000			3088 DC XL16 'FFFF0000000000000000000000000000'
00017280	E2E7C2D9 40D5C640			3089 DC CL48 'SXBR NF +2.0/-QNaN NT'
000172B0	FFFF8B00 00000000			3090 DC XL16 'FFFF8B00000000000000000000000000'
000172C0	E2E7C2D9 40D5C640			3091 DC CL48 'SXBR NF +2.0/-QNaN Tr'
000172F0	FFFF8B00 00000000			3092 DC XL16 'FFFF8B00000000000000000000000000'
00017300	E2E7C2D9 40D5C640			3093 DC CL48 'SXBR NF +2.0/+SNaN NT'
00017330	7FFF8A00 00000000			3094 DC XL16 '7FFF8A00000000000000000000000000'
00017340	E2E7C2D9 40D5C640			3095 DC CL48 'SXBR NF +2.0/+SNaN Tr'
00017370	40000000 00000000			3096 DC XL16 '40000000000000000000000000000000'
00017380	E2E7C2D9 40D5C640			3097 DC CL48 'SXBR NF +inf/-inf NT'
000173B0	7FFF0000 00000000			3098 DC XL16 '7FFF0000000000000000000000000000'
000173C0	E2E7C2D9 40D5C640			3099 DC CL48 'SXBR NF +inf/-inf Tr'
000173F0	7FFF0000 00000000			3100 DC XL16 '7FFF0000000000000000000000000000'
00017400	E2E7C2D9 40D5C640			3101 DC CL48 'SXBR NF +inf/-2.0 NT'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00017430	7FFF0000 00000000			3102 DC XL16 '7FFF0000000000000000000000000000'
00017440	E2E7C2D9 40D5C640			3103 DC CL48 'SXBR NF +inf/-2.0 Tr'
00017470	7FFF0000 00000000			3104 DC XL16 '7FFF0000000000000000000000000000'
00017480	E2E7C2D9 40D5C640			3105 DC CL48 'SXBR NF +inf/-Dnice NT'
000174B0	7FFF0000 00000000			3106 DC XL16 '7FFF0000000000000000000000000000'
000174C0	E2E7C2D9 40D5C640			3107 DC CL48 'SXBR NF +inf/-Dnice Tr'
000174F0	7FFF0000 00000000			3108 DC XL16 '7FFF0000000000000000000000000000'
00017500	E2E7C2D9 40D5C640			3109 DC CL48 'SXBR NF +inf/-0 NT'
00017530	7FFF0000 00000000			3110 DC XL16 '7FFF0000000000000000000000000000'
00017540	E2E7C2D9 40D5C640			3111 DC CL48 'SXBR NF +inf/-0 Tr'
00017570	7FFF0000 00000000			3112 DC XL16 '7FFF0000000000000000000000000000'
00017580	E2E7C2D9 40D5C640			3113 DC CL48 'SXBR NF +inf/+0 NT'
000175B0	7FFF0000 00000000			3114 DC XL16 '7FFF0000000000000000000000000000'
000175C0	E2E7C2D9 40D5C640			3115 DC CL48 'SXBR NF +inf/+0 Tr'
000175F0	7FFF0000 00000000			3116 DC XL16 '7FFF0000000000000000000000000000'
00017600	E2E7C2D9 40D5C640			3117 DC CL48 'SXBR NF +inf/+Dnice NT'
00017630	7FFF0000 00000000			3118 DC XL16 '7FFF0000000000000000000000000000'
00017640	E2E7C2D9 40D5C640			3119 DC CL48 'SXBR NF +inf/+Dnice Tr'
00017670	7FFF0000 00000000			3120 DC XL16 '7FFF0000000000000000000000000000'
00017680	E2E7C2D9 40D5C640			3121 DC CL48 'SXBR NF +inf/+2.0 NT'
000176B0	7FFF0000 00000000			3122 DC XL16 '7FFF0000000000000000000000000000'
000176C0	E2E7C2D9 40D5C640			3123 DC CL48 'SXBR NF +inf/+2.0 Tr'
000176F0	7FFF0000 00000000			3124 DC XL16 '7FFF0000000000000000000000000000'
00017700	E2E7C2D9 40D5C640			3125 DC CL48 'SXBR NF +inf/+inf NT'
00017730	7FFF8000 00000000			3126 DC XL16 '7FFF8000000000000000000000000000'
00017740	E2E7C2D9 40D5C640			3127 DC CL48 'SXBR NF +inf/+inf Tr'
00017770	7FFF0000 00000000			3128 DC XL16 '7FFF0000000000000000000000000000'
00017780	E2E7C2D9 40D5C640			3129 DC CL48 'SXBR NF +inf/-QNaN NT'
000177B0	FFFF8B00 00000000			3130 DC XL16 'FFFF8B00000000000000000000000000'
000177C0	E2E7C2D9 40D5C640			3131 DC CL48 'SXBR NF +inf/-QNaN Tr'
000177F0	FFFF8B00 00000000			3132 DC XL16 'FFFF8B00000000000000000000000000'
00017800	E2E7C2D9 40D5C640			3133 DC CL48 'SXBR NF +inf/+SNaN NT'
00017830	7FFF8A00 00000000			3134 DC XL16 '7FFF8A00000000000000000000000000'
00017840	E2E7C2D9 40D5C640			3135 DC CL48 'SXBR NF +inf/+SNaN Tr'
00017870	7FFF0000 00000000			3136 DC XL16 '7FFF0000000000000000000000000000'
00017880	E2E7C2D9 40D5C640			3137 DC CL48 'SXBR NF -QNaN/-inf NT'
000178B0	FFFF8B00 00000000			3138 DC XL16 'FFFF8B00000000000000000000000000'
000178C0	E2E7C2D9 40D5C640			3139 DC CL48 'SXBR NF -QNaN/-inf Tr'
000178F0	FFFF8B00 00000000			3140 DC XL16 'FFFF8B00000000000000000000000000'
00017900	E2E7C2D9 40D5C640			3141 DC CL48 'SXBR NF -QNaN/-2.0 NT'
00017930	FFFF8B00 00000000			3142 DC XL16 'FFFF8B00000000000000000000000000'
00017940	E2E7C2D9 40D5C640			3143 DC CL48 'SXBR NF -QNaN/-2.0 Tr'
00017970	FFFF8B00 00000000			3144 DC XL16 'FFFF8B00000000000000000000000000'
00017980	E2E7C2D9 40D5C640			3145 DC CL48 'SXBR NF -QNaN/-Dnice NT'
000179B0	FFFF8B00 00000000			3146 DC XL16 'FFFF8B00000000000000000000000000'
000179C0	E2E7C2D9 40D5C640			3147 DC CL48 'SXBR NF -QNaN/-Dnice Tr'
000179F0	FFFF8B00 00000000			3148 DC XL16 'FFFF8B00000000000000000000000000'
00017A00	E2E7C2D9 40D5C640			3149 DC CL48 'SXBR NF -QNaN/-0 NT'
00017A30	FFFF8B00 00000000			3150 DC XL16 'FFFF8B00000000000000000000000000'
00017A40	E2E7C2D9 40D5C640			3151 DC CL48 'SXBR NF -QNaN/-0 Tr'
00017A70	FFFF8B00 00000000			3152 DC XL16 'FFFF8B00000000000000000000000000'
00017A80	E2E7C2D9 40D5C640			3153 DC CL48 'SXBR NF -QNaN/+0 NT'
00017AB0	FFFF8B00 00000000			3154 DC XL16 'FFFF8B00000000000000000000000000'
00017AC0	E2E7C2D9 40D5C640			3155 DC CL48 'SXBR NF -QNaN/+0 Tr'
00017AF0	FFFF8B00 00000000			3156 DC XL16 'FFFF8B00000000000000000000000000'
00017B00	E2E7C2D9 40D5C640			3157 DC CL48 'SXBR NF -QNaN/+Dnice NT'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00017B30	FFFF8B00 00000000			3158 DC XL16 'FFFF8B00000000000000000000000000'
00017B40	E2E7C2D9 40D5C640			3159 DC CL48 'SXBR NF -QNaN/+Dnice Tr'
00017B70	FFFF8B00 00000000			3160 DC XL16 'FFFF8B00000000000000000000000000'
00017B80	E2E7C2D9 40D5C640			3161 DC CL48 'SXBR NF -QNaN/+2.0 NT'
00017BB0	FFFF8B00 00000000			3162 DC XL16 'FFFF8B00000000000000000000000000'
00017BC0	E2E7C2D9 40D5C640			3163 DC CL48 'SXBR NF -QNaN/+2.0 Tr'
00017BF0	FFFF8B00 00000000			3164 DC XL16 'FFFF8B00000000000000000000000000'
00017C00	E2E7C2D9 40D5C640			3165 DC CL48 'SXBR NF -QNaN/+inf NT'
00017C30	FFFF8B00 00000000			3166 DC XL16 'FFFF8B00000000000000000000000000'
00017C40	E2E7C2D9 40D5C640			3167 DC CL48 'SXBR NF -QNaN/+inf Tr'
00017C70	FFFF8B00 00000000			3168 DC XL16 'FFFF8B00000000000000000000000000'
00017C80	E2E7C2D9 40D5C640			3169 DC CL48 'SXBR NF -QNaN/-QNaN NT'
00017CB0	FFFF8B00 00000000			3170 DC XL16 'FFFF8B00000000000000000000000000'
00017CC0	E2E7C2D9 40D5C640			3171 DC CL48 'SXBR NF -QNaN/-QNaN Tr'
00017CF0	FFFF8B00 00000000			3172 DC XL16 'FFFF8B00000000000000000000000000'
00017D00	E2E7C2D9 40D5C640			3173 DC CL48 'SXBR NF -QNaN/+SNaN NT'
00017D30	7FFF8A00 00000000			3174 DC XL16 '7FFF8A00000000000000000000000000'
00017D40	E2E7C2D9 40D5C640			3175 DC CL48 'SXBR NF -QNaN/+SNaN Tr'
00017D70	FFFF8B00 00000000			3176 DC XL16 'FFFF8B00000000000000000000000000'
00017D80	E2E7C2D9 40D5C640			3177 DC CL48 'SXBR NF +SNaN/-inf NT'
00017DB0	7FFF8A00 00000000			3178 DC XL16 '7FFF8A00000000000000000000000000'
00017DC0	E2E7C2D9 40D5C640			3179 DC CL48 'SXBR NF +SNaN/-inf Tr'
00017DF0	7FFF0A00 00000000			3180 DC XL16 '7FFF0A00000000000000000000000000'
00017E00	E2E7C2D9 40D5C640			3181 DC CL48 'SXBR NF +SNaN/-2.0 NT'
00017E30	7FFF8A00 00000000			3182 DC XL16 '7FFF8A00000000000000000000000000'
00017E40	E2E7C2D9 40D5C640			3183 DC CL48 'SXBR NF +SNaN/-2.0 Tr'
00017E70	7FFF0A00 00000000			3184 DC XL16 '7FFF0A00000000000000000000000000'
00017E80	E2E7C2D9 40D5C640			3185 DC CL48 'SXBR NF +SNaN/-Dnice NT'
00017EB0	7FFF8A00 00000000			3186 DC XL16 '7FFF8A00000000000000000000000000'
00017EC0	E2E7C2D9 40D5C640			3187 DC CL48 'SXBR NF +SNaN/-Dnice Tr'
00017EF0	7FFF0A00 00000000			3188 DC XL16 '7FFF0A00000000000000000000000000'
00017F00	E2E7C2D9 40D5C640			3189 DC CL48 'SXBR NF +SNaN/-0 NT'
00017F30	7FFF8A00 00000000			3190 DC XL16 '7FFF8A00000000000000000000000000'
00017F40	E2E7C2D9 40D5C640			3191 DC CL48 'SXBR NF +SNaN/-0 Tr'
00017F70	7FFF0A00 00000000			3192 DC XL16 '7FFF0A00000000000000000000000000'
00017F80	E2E7C2D9 40D5C640			3193 DC CL48 'SXBR NF +SNaN/+0 NT'
00017FB0	7FFF8A00 00000000			3194 DC XL16 '7FFF8A00000000000000000000000000'
00017FC0	E2E7C2D9 40D5C640			3195 DC CL48 'SXBR NF +SNaN/+0 Tr'
00017FF0	7FFF0A00 00000000			3196 DC XL16 '7FFF0A00000000000000000000000000'
00018000	E2E7C2D9 40D5C640			3197 DC CL48 'SXBR NF +SNaN/+Dnice NT'
00018030	7FFF8A00 00000000			3198 DC XL16 '7FFF8A00000000000000000000000000'
00018040	E2E7C2D9 40D5C640			3199 DC CL48 'SXBR NF +SNaN/+Dnice Tr'
00018070	7FFF0A00 00000000			3200 DC XL16 '7FFF0A00000000000000000000000000'
00018080	E2E7C2D9 40D5C640			3201 DC CL48 'SXBR NF +SNaN/+2.0 NT'
000180B0	7FFF8A00 00000000			3202 DC XL16 '7FFF8A00000000000000000000000000'
000180C0	E2E7C2D9 40D5C640			3203 DC CL48 'SXBR NF +SNaN/+2.0 Tr'
000180F0	7FFF0A00 00000000			3204 DC XL16 '7FFF0A00000000000000000000000000'
00018100	E2E7C2D9 40D5C640			3205 DC CL48 'SXBR NF +SNaN/+inf NT'
00018130	7FFF8A00 00000000			3206 DC XL16 '7FFF8A00000000000000000000000000'
00018140	E2E7C2D9 40D5C640			3207 DC CL48 'SXBR NF +SNaN/+inf Tr'
00018170	7FFF0A00 00000000			3208 DC XL16 '7FFF0A00000000000000000000000000'
00018180	E2E7C2D9 40D5C640			3209 DC CL48 'SXBR NF +SNaN/-QNaN NT'
000181B0	7FFF8A00 00000000			3210 DC XL16 '7FFF8A00000000000000000000000000'
000181C0	E2E7C2D9 40D5C640			3211 DC CL48 'SXBR NF +SNaN/-QNaN Tr'
000181F0	7FFF0A00 00000000			3212 DC XL16 '7FFF0A00000000000000000000000000'
00018200	E2E7C2D9 40D5C640			3213 DC CL48 'SXBR NF +SNaN/+SNaN NT'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00018230	7FFF8A00 00000000			3214 DC XL16 '7FFF8A00000000000000000000000000'
00018240	E2E7C2D9 40D5C640			3215 DC CL48 'SXBR NF +SNaN/+SNaN Tr'
00018270	7FFF0A00 00000000			3216 DC XL16 '7FFF0A00000000000000000000000000'
		000000C8	00000001	3217 XBFPNFOT_NUM EQU (*-XBFPNFOT_GOOD)/64
				3218 *
				3219 *
00018280	E2E7C2D9 40D5C640		00018280	3220 XBFPNFFL_GOOD EQU *
000182B0	00800003 F8008003			3221 DC CL48 'SXBR NF -inf/-inf FPCR'
000182C0	E2E7C2D9 40D5C640			3222 DC XL16 '00800003F80080030000000000000000'
000182F0	00000001 F8000001			3223 DC CL48 'SXBR NF -inf/-2.0 FPCR'
00018300	E2E7C2D9 40D5C640			3224 DC XL16 '00000001F80000010000000000000000'
00018330	00000001 F8000001			3225 DC CL48 'SXBR NF -inf/-Dnice FPCR'
00018340	E2E7C2D9 40D5C640			3226 DC XL16 '00000001F80000010000000000000000'
00018370	00000001 F8000001			3227 DC CL48 'SXBR NF -inf/-0 FPCR'
00018380	E2E7C2D9 40D5C640			3228 DC XL16 '00000001F80000010000000000000000'
000183B0	00000001 F8000001			3229 DC CL48 'SXBR NF -inf/+0 FPCR'
000183C0	E2E7C2D9 40D5C640			3230 DC XL16 '00000001F80000010000000000000000'
000183F0	00000001 F8000001			3231 DC CL48 'SXBR NF -inf/+Dnice FPCR'
00018400	E2E7C2D9 40D5C640			3232 DC XL16 '00000001F80000010000000000000000'
00018430	00000001 F8000001			3233 DC CL48 'SXBR NF -inf/+2.0 FPCR'
00018440	E2E7C2D9 40D5C640			3234 DC XL16 '00000001F80000010000000000000000'
00018470	00000001 F8000001			3235 DC CL48 'SXBR NF -inf/+inf FPCR'
00018480	E2E7C2D9 40D5C640			3236 DC XL16 '00000001F80000010000000000000000'
000184B0	00000003 F8000003			3237 DC CL48 'SXBR NF -inf/-QNaN FPCR'
000184C0	E2E7C2D9 40D5C640			3238 DC XL16 '00000003F80000030000000000000000'
000184F0	00800003 F8008003			3239 DC CL48 'SXBR NF -inf/+SNaN FPCR'
00018500	E2E7C2D9 40D5C640			3240 DC XL16 '00800003F80080030000000000000000'
00018530	00000002 F8000002			3241 DC CL48 'SXBR NF -2.0/-inf FPCR'
00018540	E2E7C2D9 40D5C640			3242 DC XL16 '00000002F80000200000000000000000'
00018570	00000000 F8000000			3243 DC CL48 'SXBR NF -2.0/-2.0 FPCR'
00018580	E2E7C2D9 40D5C640			3244 DC XL16 '00000000F80000000000000000000000'
000185B0	00080001 F8000C01			3245 DC CL48 'SXBR NF -2.0/-Dnice FPCR'
000185C0	E2E7C2D9 40D5C640			3246 DC XL16 '00080001F8000C010000000000000000'
000185F0	00000001 F8000001			3247 DC CL48 'SXBR NF -2.0/-0 FPCR'
00018600	E2E7C2D9 40D5C640			3248 DC XL16 '00000001F80000010000000000000000'
00018630	00000001 F8000001			3249 DC CL48 'SXBR NF -2.0/+0 FPCR'
00018640	E2E7C2D9 40D5C640			3250 DC XL16 '00000001F80000010000000000000000'
00018670	00080001 F8000801			3251 DC CL48 'SXBR NF -2.0/+Dnice FPCR'
00018680	E2E7C2D9 40D5C640			3252 DC XL16 '00080001F80008010000000000000000'
000186B0	00000001 F8000001			3253 DC CL48 'SXBR NF -2.0/+2.0 FPCR'
000186C0	E2E7C2D9 40D5C640			3254 DC XL16 '00000001F80000010000000000000000'
000186F0	00000001 F8000001			3255 DC CL48 'SXBR NF -2.0/+inf FPCR'
00018700	E2E7C2D9 40D5C640			3256 DC XL16 '00000001F80000010000000000000000'
00018730	00000003 F8000003			3257 DC CL48 'SXBR NF -2.0/-QNaN FPCR'
00018740	E2E7C2D9 40D5C640			3258 DC XL16 '00000003F80000030000000000000000'
00018770	00800003 F8008003			3259 DC CL48 'SXBR NF -2.0/+SNaN FPCR'
00018780	E2E7C2D9 40D5C640			3260 DC XL16 '00800003F80080030000000000000000'
000187B0	00000002 F8000002			3261 DC CL48 'SXBR NF -Dnice/-inf FPCR'
000187C0	E2E7C2D9 40D5C640			3262 DC XL16 '00000002F80000020000000000000000'
000187F0	00080002 F8000C02			3263 DC CL48 'SXBR NF -Dnice/-2.0 FPCR'
00018800	E2E7C2D9 40D5C640			3264 DC XL16 '00080002F8000C020000000000000000'
00018830	00000000 F8000000			3265 DC CL48 'SXBR NF -Dnice/-Dnice FPCR'
00018840	E2E7C2D9 40D5C640			3266 DC XL16 '00000000F80000000000000000000000'
00018870	00000001 F8001001			3267 DC CL48 'SXBR NF -Dnice/-0 FPCR'
00018880	E2E7C2D9 40D5C640			3268 DC XL16 '00000001F80010010000000000000000'
				3269 DC CL48 'SXBR NF -Dnice/+0 FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000188B0	00000001 F8001001			3270 DC XL16 '00000001F80010010000000000000000'
000188C0	E2E7C2D9 40D5C640			3271 DC CL48 'SXBR NF -Dnice/+Dnice FPCR'
000188F0	00000001 F8001001			3272 DC XL16 '00000001F80010010000000000000000'
00018900	E2E7C2D9 40D5C640			3273 DC CL48 'SXBR NF -Dnice/+2.0 FPCR'
00018930	00080001 F8000801			3274 DC XL16 '00080001F80008010000000000000000'
00018940	E2E7C2D9 40D5C640			3275 DC CL48 'SXBR NF -Dnice/+inf FPCR'
00018970	00000001 F8000001			3276 DC XL16 '00000001F80000010000000000000000'
00018980	E2E7C2D9 40D5C640			3277 DC CL48 'SXBR NF -Dnice/-QNaN FPCR'
000189B0	00000003 F8000003			3278 DC XL16 '00000003F80000030000000000000000'
000189C0	E2E7C2D9 40D5C640			3279 DC CL48 'SXBR NF -Dnice/+SNaN FPCR'
000189F0	00800003 F8008003			3280 DC XL16 '00800003F80080030000000000000000'
00018A00	E2E7C2D9 40D5C640			3281 DC CL48 'SXBR NF -0/-inf FPCR'
00018A30	00000002 F8000002			3282 DC XL16 '00000002F80000020000000000000000'
00018A40	E2E7C2D9 40D5C640			3283 DC CL48 'SXBR NF -0/-2.0 FPCR'
00018A70	00000002 F8000002			3284 DC XL16 '00000002F80000020000000000000000'
00018A80	E2E7C2D9 40D5C640			3285 DC CL48 'SXBR NF -0/-Dnice FPCR'
00018AB0	00000002 F8001002			3286 DC XL16 '00000002F80010020000000000000000'
00018AC0	E2E7C2D9 40D5C640			3287 DC CL48 'SXBR NF -0/-0 FPCR'
00018AF0	00000000 F8000000			3288 DC XL16 '00000000F80000000000000000000000'
00018B00	E2E7C2D9 40D5C640			3289 DC CL48 'SXBR NF -0/+0 FPCR'
00018B30	00000000 F8000000			3290 DC XL16 '00000000F80000000000000000000000'
00018B40	E2E7C2D9 40D5C640			3291 DC CL48 'SXBR NF -0/+Dnice FPCR'
00018B70	00000001 F8001001			3292 DC XL16 '00000001F80010010000000000000000'
00018B80	E2E7C2D9 40D5C640			3293 DC CL48 'SXBR NF -0/+2.0 FPCR'
00018BB0	00000001 F8000001			3294 DC XL16 '00000001F80000010000000000000000'
00018BC0	E2E7C2D9 40D5C640			3295 DC CL48 'SXBR NF -0/+inf FPCR'
00018BF0	00000001 F8000001			3296 DC XL16 '00000001F80000010000000000000000'
00018C00	E2E7C2D9 40D5C640			3297 DC CL48 'SXBR NF -0/-QNaN FPCR'
00018C30	00000003 F8000003			3298 DC XL16 '00000003F80000030000000000000000'
00018C40	E2E7C2D9 40D5C640			3299 DC CL48 'SXBR NF -0/+SNaN FPCR'
00018C70	00800003 F8008003			3300 DC XL16 '00800003F80080030000000000000000'
00018C80	E2E7C2D9 40D5C640			3301 DC CL48 'SXBR NF +0/-inf FPCR'
00018CB0	00000002 F8000002			3302 DC XL16 '00000002F80000020000000000000000'
00018CC0	E2E7C2D9 40D5C640			3303 DC CL48 'SXBR NF +0/-2.0 FPCR'
00018CF0	00000002 F8000002			3304 DC XL16 '00000002F80000020000000000000000'
00018D00	E2E7C2D9 40D5C640			3305 DC CL48 'SXBR NF +0/-Dnice FPCR'
00018D30	00000002 F8001002			3306 DC XL16 '00000002F80010020000000000000000'
00018D40	E2E7C2D9 40D5C640			3307 DC CL48 'SXBR NF +0/-0 FPCR'
00018D70	00000000 F8000000			3308 DC XL16 '00000000F80000000000000000000000'
00018D80	E2E7C2D9 40D5C640			3309 DC CL48 'SXBR NF +0/+0 FPCR'
00018DB0	00000000 F8000000			3310 DC XL16 '00000000F80000000000000000000000'
00018DC0	E2E7C2D9 40D5C640			3311 DC CL48 'SXBR NF +0/+Dnice FPCR'
00018DF0	00000001 F8001001			3312 DC XL16 '00000001F80010010000000000000000'
00018E00	E2E7C2D9 40D5C640			3313 DC CL48 'SXBR NF +0/+2.0 FPCR'
00018E30	00000001 F8000001			3314 DC XL16 '00000001F80000010000000000000000'
00018E40	E2E7C2D9 40D5C640			3315 DC CL48 'SXBR NF +0/+inf FPCR'
00018E70	00000001 F8000001			3316 DC XL16 '00000001F80000010000000000000000'
00018E80	E2E7C2D9 40D5C640			3317 DC CL48 'SXBR NF +0/-QNaN FPCR'
00018EB0	00000003 F8000003			3318 DC XL16 '00000003F80000030000000000000000'
00018EC0	E2E7C2D9 40D5C640			3319 DC CL48 'SXBR NF +0/+SNaN FPCR'
00018EF0	00800003 F8008003			3320 DC XL16 '00800003F80080030000000000000000'
00018F00	E2E7C2D9 40D5C640			3321 DC CL48 'SXBR NF +Dnice/-inf FPCR'
00018F30	00000002 F8000002			3322 DC XL16 '00000002F80000020000000000000000'
00018F40	E2E7C2D9 40D5C640			3323 DC CL48 'SXBR NF +Dnice/-2.0 FPCR'
00018F70	00080002 F8000802			3324 DC XL16 '00080002F80008020000000000000000'
00018F80	E2E7C2D9 40D5C640			3325 DC CL48 'SXBR NF +Dnice/-Dnice FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00018FB0	00000002 F8001002			3326 DC XL16 '00000002F80010020000000000000000'
00018FC0	E2E7C2D9 40D5C640			3327 DC CL48 'SXBR NF +Dnice/-0 FPCR'
00018FF0	00000002 F8001002			3328 DC XL16 '00000002F80010020000000000000000'
00019000	E2E7C2D9 40D5C640			3329 DC CL48 'SXBR NF +Dnice/+0 FPCR'
00019030	00000002 F8001002			3330 DC XL16 '00000002F80010020000000000000000'
00019040	E2E7C2D9 40D5C640			3331 DC CL48 'SXBR NF +Dnice/+Dnice FPCR'
00019070	00000000 F8000000			3332 DC XL16 '00000000F80000000000000000000000'
00019080	E2E7C2D9 40D5C640			3333 DC CL48 'SXBR NF +Dnice/+2.0 FPCR'
000190B0	00080001 F8000C01			3334 DC XL16 '00080001F8000C010000000000000000'
000190C0	E2E7C2D9 40D5C640			3335 DC CL48 'SXBR NF +Dnice/+inf FPCR'
000190F0	00000001 F8000001			3336 DC XL16 '00000001F80000010000000000000000'
00019100	E2E7C2D9 40D5C640			3337 DC CL48 'SXBR NF +Dnice/-QNaN FPCR'
00019130	00000003 F8000003			3338 DC XL16 '00000003F80000030000000000000000'
00019140	E2E7C2D9 40D5C640			3339 DC CL48 'SXBR NF +Dnice/+SNaN FPCR'
00019170	00800003 F8008003			3340 DC XL16 '00800003F80080030000000000000000'
00019180	E2E7C2D9 40D5C640			3341 DC CL48 'SXBR NF +2.0/-inf FPCR'
000191B0	00000002 F8000002			3342 DC XL16 '00000002F80000020000000000000000'
000191C0	E2E7C2D9 40D5C640			3343 DC CL48 'SXBR NF +2.0/-2.0 FPCR'
000191F0	00000002 F8000002			3344 DC XL16 '00000002F80000020000000000000000'
00019200	E2E7C2D9 40D5C640			3345 DC CL48 'SXBR NF +2.0/-Dnice FPCR'
00019230	00080002 F8000802			3346 DC XL16 '00080002F80008020000000000000000'
00019240	E2E7C2D9 40D5C640			3347 DC CL48 'SXBR NF +2.0/-0 FPCR'
00019270	00000002 F8000002			3348 DC XL16 '00000002F80000020000000000000000'
00019280	E2E7C2D9 40D5C640			3349 DC CL48 'SXBR NF +2.0/+0 FPCR'
000192B0	00000002 F8000002			3350 DC XL16 '00000002F80000020000000000000000'
000192C0	E2E7C2D9 40D5C640			3351 DC CL48 'SXBR NF +2.0/+Dnice FPCR'
000192F0	00080002 F8000C02			3352 DC XL16 '00080002F8000C020000000000000000'
00019300	E2E7C2D9 40D5C640			3353 DC CL48 'SXBR NF +2.0/+2.0 FPCR'
00019330	00000000 F8000000			3354 DC XL16 '00000000F80000000000000000000000'
00019340	E2E7C2D9 40D5C640			3355 DC CL48 'SXBR NF +2.0/+inf FPCR'
00019370	00000001 F8000001			3356 DC XL16 '00000001F80000010000000000000000'
00019380	E2E7C2D9 40D5C640			3357 DC CL48 'SXBR NF +2.0/-QNaN FPCR'
000193B0	00000003 F8000003			3358 DC XL16 '00000003F80000030000000000000000'
000193C0	E2E7C2D9 40D5C640			3359 DC CL48 'SXBR NF +2.0/+SNaN FPCR'
000193F0	00800003 F8008003			3360 DC XL16 '00800003F80080030000000000000000'
00019400	E2E7C2D9 40D5C640			3361 DC CL48 'SXBR NF +inf/-inf FPCR'
00019430	00000002 F8000002			3362 DC XL16 '00000002F80000020000000000000000'
00019440	E2E7C2D9 40D5C640			3363 DC CL48 'SXBR NF +inf/-2.0 FPCR'
00019470	00000002 F8000002			3364 DC XL16 '00000002F80000020000000000000000'
00019480	E2E7C2D9 40D5C640			3365 DC CL48 'SXBR NF +inf/-Dnice FPCR'
000194B0	00000002 F8000002			3366 DC XL16 '00000002F80000020000000000000000'
000194C0	E2E7C2D9 40D5C640			3367 DC CL48 'SXBR NF +inf/-0 FPCR'
000194F0	00000002 F8000002			3368 DC XL16 '00000002F80000020000000000000000'
00019500	E2E7C2D9 40D5C640			3369 DC CL48 'SXBR NF +inf/+0 FPCR'
00019530	00000002 F8000002			3370 DC XL16 '00000002F80000020000000000000000'
00019540	E2E7C2D9 40D5C640			3371 DC CL48 'SXBR NF +inf/+Dnice FPCR'
00019570	00000002 F8000002			3372 DC XL16 '00000002F80000020000000000000000'
00019580	E2E7C2D9 40D5C640			3373 DC CL48 'SXBR NF +inf/+2.0 FPCR'
000195B0	00000002 F8000002			3374 DC XL16 '00000002F80000020000000000000000'
000195C0	E2E7C2D9 40D5C640			3375 DC CL48 'SXBR NF +inf/+inf FPCR'
000195F0	00800003 F8008003			3376 DC XL16 '00800003F80080030000000000000000'
00019600	E2E7C2D9 40D5C640			3377 DC CL48 'SXBR NF +inf/-QNaN FPCR'
00019630	00000003 F8000003			3378 DC XL16 '00000003F80000030000000000000000'
00019640	E2E7C2D9 40D5C640			3379 DC CL48 'SXBR NF +inf/+SNaN FPCR'
00019670	00800003 F8008003			3380 DC XL16 '00800003F80080030000000000000000'
00019680	E2E7C2D9 40D5C640			3381 DC CL48 'SXBR NF -QNaN/-inf FPCR'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
000196B0	00000003 F8000003			3382 DC XL16 '00000003F80000030000000000000000'
000196C0	E2E7C2D9 40D5C640			3383 DC CL48 'SXBR NF -QNaN/-2.0 FPCR'
000196F0	00000003 F8000003			3384 DC XL16 '00000003F80000030000000000000000'
00019700	E2E7C2D9 40D5C640			3385 DC CL48 'SXBR NF -QNaN/-Dnive FPCR'
00019730	00000003 F8000003			3386 DC XL16 '00000003F80000030000000000000000'
00019740	E2E7C2D9 40D5C640			3387 DC CL48 'SXBR NF -QNaN/-0 FPCR'
00019770	00000003 F8000003			3388 DC XL16 '00000003F80000030000000000000000'
00019780	E2E7C2D9 40D5C640			3389 DC CL48 'SXBR NF -QNaN/+0 FPCR'
000197B0	00000003 F8000003			3390 DC XL16 '00000003F80000030000000000000000'
000197C0	E2E7C2D9 40D5C640			3391 DC CL48 'SXBR NF -QNaN/+Dnive FPCR'
000197F0	00000003 F8000003			3392 DC XL16 '00000003F80000030000000000000000'
00019800	E2E7C2D9 40D5C640			3393 DC CL48 'SXBR NF -QNaN/+2.0 FPCR'
00019830	00000003 F8000003			3394 DC XL16 '00000003F80000030000000000000000'
00019840	E2E7C2D9 40D5C640			3395 DC CL48 'SXBR NF -QNaN/+inf FPCR'
00019870	00000003 F8000003			3396 DC XL16 '00000003F80000030000000000000000'
00019880	E2E7C2D9 40D5C640			3397 DC CL48 'SXBR NF -QNaN/-QNaN FPCR'
000198B0	00000003 F8000003			3398 DC XL16 '00000003F80000030000000000000000'
000198C0	E2E7C2D9 40D5C640			3399 DC CL48 'SXBR NF -QNaN/+SNaN FPCR'
000198F0	00800003 F8008003			3400 DC XL16 '00800003F80080030000000000000000'
00019900	E2E7C2D9 40D5C640			3401 DC CL48 'SXBR NF +SNaN/-inf FPCR'
00019930	00800003 F8008003			3402 DC XL16 '00800003F80080030000000000000000'
00019940	E2E7C2D9 40D5C640			3403 DC CL48 'SXBR NF +SNaN/-2.0 FPCR'
00019970	00800003 F8008003			3404 DC XL16 '00800003F80080030000000000000000'
00019980	E2E7C2D9 40D5C640			3405 DC CL48 'SXBR NF +SNaN/-Dnive FPCR'
000199B0	00800003 F8008003			3406 DC XL16 '00800003F80080030000000000000000'
000199C0	E2E7C2D9 40D5C640			3407 DC CL48 'SXBR NF +SNaN/-0 FPCR'
000199F0	00800003 F8008003			3408 DC XL16 '00800003F80080030000000000000000'
00019A00	E2E7C2D9 40D5C640			3409 DC CL48 'SXBR NF +SNaN/+0 FPCR'
00019A30	00800003 F8008003			3410 DC XL16 '00800003F80080030000000000000000'
00019A40	E2E7C2D9 40D5C640			3411 DC CL48 'SXBR NF +SNaN/+Dnive FPCR'
00019A70	00800003 F8008003			3412 DC XL16 '00800003F80080030000000000000000'
00019A80	E2E7C2D9 40D5C640			3413 DC CL48 'SXBR NF +SNaN/+2.0 FPCR'
00019AB0	00800003 F8008003			3414 DC XL16 '00800003F80080030000000000000000'
00019AC0	E2E7C2D9 40D5C640			3415 DC CL48 'SXBR NF +SNaN/+inf FPCR'
00019AF0	00800003 F8008003			3416 DC XL16 '00800003F80080030000000000000000'
00019B00	E2E7C2D9 40D5C640			3417 DC CL48 'SXBR NF +SNaN/-QNaN FPCR'
00019B30	00800003 F8008003			3418 DC XL16 '00800003F80080030000000000000000'
00019B40	E2E7C2D9 40D5C640			3419 DC CL48 'SXBR NF +SNaN/+SNaN FPCR'
00019B70	00800003 F8008003	00000064 00000001		3420 DC XL16 '00800003F80080030000000000000000'
				3421 XBFPNFFL_NUM EQU (*-XBFPNFFL_GOOD)/64
				3422 *
		00019B80 00000001		3423 *
				3424 XBFPOUT_GOOD EQU *
00019B80	E2E7C2D9 40C640D6			3425 DC CL48 'SXBR F Ovf1 NT'
00019BB0	7FFFFFFF FFFFFFFF			3426 DC XL16 '7FFFFFFFFFFFFFFFFFFF'
00019BC0	E2E7C2D9 40C640D6			3427 DC CL48 'SXBR F Ovf1 Tr'
00019BF0	7FFFFFFF FFFFFFFF			3428 DC XL16 '7FFFFFFFFFFFFFFFFFFF'
00019C00	E2E7C2D9 40C640E4			3429 DC CL48 'SXBR F Uf1 1 NT'
00019C30	0000FFFF FFFFFFFF			3430 DC XL16 '0000FFFFFFFFFFF'
00019C40	E2E7C2D9 40C640E4			3431 DC CL48 'SXBR F Uf1 1 Tr'
00019C70	6000FFFF FFFFFFFF			3432 DC XL16 '6000FFFFFFFFFFF'
00019C80	E2E7C2D9 40C640E4			3433 DC CL48 'SXBR F Uf1 2 NT'
00019CB0	000070F1 00000000			3434 DC XL16 '000070F1000000000000000000000000'
00019CC0	E2E7C2D9 40C640E4			3435 DC CL48 'SXBR F Uf1 2 Tr'
00019CF0	5FFFC3C4 00000000			3436 DC XL16 '5FFFC3C40000000000000000000000000'
00019D00	E2E7C2D9 40C640D5			3437 DC CL48 'SXBR F Nmin NT'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
00019D30	00010000 00000000			3438 DC XL16 '00010000000000000000000000000000'
00019D40	E2E7C2D9 40C640D5			3439 DC CL48 'SXBR F Nmin Tr'
00019D70	00010000 00000000			3440 DC XL16 '00010000000000000000000000000000'
00019D80	E2E7C2D9 40C640C9			3441 DC CL48 'SXBR F Incr NT'
00019DB0	3FFF0000 00000000			3442 DC XL16 '3FFF0000000000000000000000000000'
00019DC0	E2E7C2D9 40C640C9			3443 DC CL48 'SXBR F Incr Tr'
00019DF0	3FFF0000 00000000			3444 DC XL16 '3FFF0000000000000000000000000000'
00019E00	E2E7C2D9 40C640E3			3445 DC CL48 'SXBR F Trun NT'
00019E30	3FFEFFFF FFFFFFFF			3446 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
00019E40	E2E7C2D9 40C640E3			3447 DC CL48 'SXBR F Trun Tr'
00019E70	3FFEFFFF FFFFFFFF			3448 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
		0000000C	00000001	3449 XBFPOUT_NUM EQU (*-XBFPOUT_GOOD)/64
				3450 *
				3451 *
		00019E80	00000001	3452 XBFPFLGS_GOOD EQU *
00019E80	E2E7C2D9 40C640D6			3453 DC CL48 'SXBR F Ovf1 FPCR'
00019EB0	00000003 F8000003			3454 DC XL16 '00000003F80000030000000000000000'
00019EC0	E2E7C2D9 40C640E4			3455 DC CL48 'SXBR F Uf1 1 FPCR'
00019EF0	00000002 F8001002			3456 DC XL16 '00000002F80010020000000000000000'
00019F00	E2E7C2D9 40C640E4			3457 DC CL48 'SXBR F Uf1 2 FPCR'
00019F30	00000002 F8001002			3458 DC XL16 '00000002F80010020000000000000000'
00019F40	E2E7C2D9 40C640D5			3459 DC CL48 'SXBR F Nmin FPCR'
00019F70	00000002 F8000002			3460 DC XL16 '00000002F80000020000000000000000'
00019F80	E2E7C2D9 40C640C9			3461 DC CL48 'SXBR F Incr FPCR'
00019FB0	00080002 F8000C02			3462 DC XL16 '00080002F8000C020000000000000000'
00019FC0	E2E7C2D9 40C640E3			3463 DC CL48 'SXBR F Trun FPCR'
00019FF0	00080002 F8000802			3464 DC XL16 '00080002F80008020000000000000000'
		00000006	00000001	3465 XBFPFLGS_NUM EQU (*-XBFPFLGS_GOOD)/64
				3466 *
				3467 *
		0001A000	00000001	3468 XBFPROMO_GOOD EQU *
0001A000	E2E7C2D9 40D9D440			3469 DC CL48 'SXBR RM +NZ RNTE'
0001A030	3FFEFFFF FFFFFFFF			3470 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A040	E2E7C2D9 40D9D440			3471 DC CL48 'SXBR RM +NZ RZ'
0001A070	3FFEFFFF FFFFFFFF			3472 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A080	E2E7C2D9 40D9D440			3473 DC CL48 'SXBR RM +NZ RP'
0001A0B0	3FFF0000 00000000			3474 DC XL16 '3FFF0000000000000000000000000000'
0001A0C0	E2E7C2D9 40D9D440			3475 DC CL48 'SXBR RM +NZ RM'
0001A0F0	3FFEFFFF FFFFFFFF			3476 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A100	E2E7C2D9 40D9D440			3477 DC CL48 'SXBR RM +NZ RFS'
0001A130	3FFEFFFF FFFFFFFF			3478 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A140	E2E7C2D9 40D9D440			3479 DC CL48 'SXBR RM -NZ RNTE'
0001A170	BFFEFFFF FFFFFFFF			3480 DC XL16 'BFFEFFFFBBBBBBBBBBBBBBBBBBBB'
0001A180	E2E7C2D9 40D9D440			3481 DC CL48 'SXBR RM -NZ RZ'
0001A1B0	BFFEFFFF FFFFFFFF			3482 DC XL16 'BFFEFFFFBBBBBBBBBBBBBBBBBBBB'
0001A1C0	E2E7C2D9 40D9D440			3483 DC CL48 'SXBR RM -NZ RP'
0001A1F0	BFFEFFFF FFFFFFFF			3484 DC XL16 'BFFEFFFFBBBBBBBBBBBBBBBBBBBB'
0001A200	E2E7C2D9 40D9D440			3485 DC CL48 'SXBR RM -NZ RM'
0001A230	BFFF0000 00000000			3486 DC XL16 'BFFF0000000000000000000000000000'
0001A240	E2E7C2D9 40D9D440			3487 DC CL48 'SXBR RM -NZ RFS'
0001A270	BFFEFFFF FFFFFFFF			3488 DC XL16 'BFFEFFFFBBBBBBBBBBBBBBBBBBBB'
0001A280	E2E7C2D9 40D9D440			3489 DC CL48 'SXBR RM +NA RNTE'
0001A2B0	3FFF0000 00000000			3490 DC XL16 '3FFF0000000000000000000000000000'
0001A2C0	E2E7C2D9 40D9D440			3491 DC CL48 'SXBR RM +NA RZ'
0001A2F0	3FFEFFFF FFFFFFFF			3492 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A300	E2E7C2D9 40D9D440			3493 DC CL48 'SXBR RM +NA RP'

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0001A330	3FFF0000 00000000			3494 DC XL16 '3FFF0000000000000000000000000000'
0001A340	E2E7C2D9 40D9D440			3495 DC CL48 'SXBR RM +NA RM'
0001A370	3FFEFFFF FFFFFFFF			3496 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A380	E2E7C2D9 40D9D440			3497 DC CL48 'SXBR RM +NA RFS'
0001A3B0	3FFEFFFF FFFFFFFF			3498 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A3C0	E2E7C2D9 40D9D440			3499 DC CL48 'SXBR RM -NA RNTE'
0001A3F0	BFFF0000 00000000			3500 DC XL16 'BFFF0000000000000000000000000000'
0001A400	E2E7C2D9 40D9D440			3501 DC CL48 'SXBR RM -NA RZ'
0001A430	BFFEFFFF FFFFFFFF			3502 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A440	E2E7C2D9 40D9D440			3503 DC CL48 'SXBR RM -NA RP'
0001A470	BFFEFFFF FFFFFFFF			3504 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A480	E2E7C2D9 40D9D440			3505 DC CL48 'SXBR RM -NA RM'
0001A4B0	BFFF0000 00000000			3506 DC XL16 'BFFF0000000000000000000000000000'
0001A4C0	E2E7C2D9 40D9D440			3507 DC CL48 'SXBR RM -NA RFS'
0001A4F0	BFFEFFFF FFFFFFFF			3508 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A500	E2E7C2D9 40D9D440			3509 DC CL48 'SXBR RM +TZ RNTE'
0001A530	3FFEFFFF FFFFFFFF			3510 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFFE'
0001A540	E2E7C2D9 40D9D440			3511 DC CL48 'SXBR RM +TZ RZ'
0001A570	3FFEFFFF FFFFFFFF			3512 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFFE'
0001A580	E2E7C2D9 40D9D440			3513 DC CL48 'SXBR RM +TZ RP'
0001A5B0	3FFEFFFF FFFFFFFF			3514 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A5C0	E2E7C2D9 40D9D440			3515 DC CL48 'SXBR RM +TZ RM'
0001A5F0	3FFEFFFF FFFFFFFF			3516 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFFE'
0001A600	E2E7C2D9 40D9D440			3517 DC CL48 'SXBR RM +TZ RFS'
0001A630	3FFEFFFF FFFFFFFF			3518 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A640	E2E7C2D9 40D9D440			3519 DC CL48 'SXBR RM -TZ RNTE'
0001A670	BFFEFFFF FFFFFFFF			3520 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFFE'
0001A680	E2E7C2D9 40D9D440			3521 DC CL48 'SXBR RM -TZ RZ'
0001A6B0	BFFEFFFF FFFFFFFF			3522 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFFE'
0001A6C0	E2E7C2D9 40D9D440			3523 DC CL48 'SXBR RM -TZ RP'
0001A6F0	BFFEFFFF FFFFFFFF			3524 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFFE'
0001A700	E2E7C2D9 40D9D440			3525 DC CL48 'SXBR RM -TZ RM'
0001A730	BFFEFFFF FFFFFFFF			3526 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A740	E2E7C2D9 40D9D440			3527 DC CL48 'SXBR RM -TZ RFS'
0001A770	BFFEFFFF FFFFFFFF			3528 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A780	E2E7C2D9 40D9D440			3529 DC CL48 'SXBR RM +TA RNTE'
0001A7B0	3FFF0000 00000000			3530 DC XL16 '3FFF0000000000000000000000000000'
0001A7C0	E2E7C2D9 40D9D440			3531 DC CL48 'SXBR RM +TA RZ'
0001A7F0	3FFEFFFF FFFFFFFF			3532 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A800	E2E7C2D9 40D9D440			3533 DC CL48 'SXBR RM +TA RP'
0001A830	3FFF0000 00000000			3534 DC XL16 '3FFF0000000000000000000000000000'
0001A840	E2E7C2D9 40D9D440			3535 DC CL48 'SXBR RM +TA RM'
0001A870	3FFEFFFF FFFFFFFF			3536 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A880	E2E7C2D9 40D9D440			3537 DC CL48 'SXBR RM +TA RFS'
0001A8B0	3FFEFFFF FFFFFFFF			3538 DC XL16 '3FFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A8C0	E2E7C2D9 40D9D440			3539 DC CL48 'SXBR RM -TA RNTE'
0001A8F0	BFFF0000 00000000			3540 DC XL16 'BFFF0000000000000000000000000000'
0001A900	E2E7C2D9 40D9D440			3541 DC CL48 'SXBR RM -TA RZ'
0001A930	BFFEFFFF FFFFFFFF			3542 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A940	E2E7C2D9 40D9D440			3543 DC CL48 'SXBR RM -TA RP'
0001A970	BFFEFFFF FFFFFFFF			3544 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFF'
0001A980	E2E7C2D9 40D9D440			3545 DC CL48 'SXBR RM -TA RM'
0001A9B0	BFFF0000 00000000			3546 DC XL16 'BFFF0000000000000000000000000000'
0001A9C0	E2E7C2D9 40D9D440			3547 DC CL48 'SXBR RM -TA RFS'
0001A9F0	BFFEFFFF FFFFFFFF			3548 DC XL16 'BFFEEEEEEEEEFFFFFFFFFFFFFFFF'
		00000028	00000001	3549 XBFPRMO_NUM EQU (*-XBFPRMO_GOOD)/64

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				3550 *
				3551 *
		0001AA00 00000001		3552 XBFPRMOF_GOOD EQU *
0001AA00	E2E7C2D9 40D9D440			3553 DC CL48'SXBR RM +NZ RNTE, RZ,RP,RM FPCR'
0001AA30	00080002 00080002			3554 DC XL16'00080002000800020008000200080002'
0001AA40	E2E7C2D9 40D9D440			3555 DC CL48'SXBR RM +NZ RFS FPCR'
0001AA70	00080002 00000000			3556 DC XL16'0008000200000000000000000000000000000000'
0001AA80	E2E7C2D9 40D9D440			3557 DC CL48'SXBR RM -NZ RNTE, RZ,RP,RM FPCR'
0001AAB0	00080001 00080001			3558 DC XL16'00080001000800010008000100080001'
0001AAC0	E2E7C2D9 40D9D440			3559 DC CL48'SXBR RM -NZ RFS FPCR'
0001AAF0	00080001 00000000			3560 DC XL16'0008000100000000000000000000000000000000'
0001AB00	E2E7C2D9 40D9D440			3561 DC CL48'SXBR RM +NA RNTE, RZ,RP,RM FPCR'
0001AB30	00080002 00080002			3562 DC XL16'00080002000800020008000200080002'
0001AB40	E2E7C2D9 40D9D440			3563 DC CL48'SXBR RM +NA RFS FPCR'
0001AB70	00080002 00000000			3564 DC XL16'0008000200000000000000000000000000000000'
0001AB80	E2E7C2D9 40D9D440			3565 DC CL48'SXBR RM -NA RNTE, RZ,RP,RM FPCR'
0001ABB0	00080001 00080001			3566 DC XL16'00080001000800010008000100080001'
0001ABC0	E2E7C2D9 40D9D440			3567 DC CL48'SXBR RM -NA RFS FPCR'
0001ABF0	00080001 00000000			3568 DC XL16'00080001000000000000000000000000'
0001AC00	E2E7C2D9 40D9D440			3569 DC CL48'SXBR RM +TZ RNTE, RZ,RP,RM FPCR'
0001AC30	00080002 00080002			3570 DC XL16'00080002000800020008000200080002'
0001AC40	E2E7C2D9 40D9D440			3571 DC CL48'SXBR RM +TZ RFS FPCR'
0001AC70	00080002 00000000			3572 DC XL16'0008000200000000000000000000000000000000'
0001AC80	E2E7C2D9 40D9D440			3573 DC CL48'SXBR RM -TZ RNTE, RZ,RP,RM FPCR'
0001ACB0	00080001 00080001			3574 DC XL16'00080001000800010008000100080001'
0001ACCO	E2E7C2D9 40D9D440			3575 DC CL48'SXBR RM -TZ RFS FPCR'
0001ACF0	00080001 00000000			3576 DC XL16'0008000100000000000000000000000000000000'
0001AD00	E2E7C2D9 40D9D440			3577 DC CL48'SXBR RM +TA RNTE, RZ,RP,RM FPCR'
0001AD30	00080002 00080002			3578 DC XL16'00080002000800020008000200080002'
0001AD40	E2E7C2D9 40D9D440			3579 DC CL48'SXBR RM +TA RFS FPCR'
0001AD70	00080002 00000000			3580 DC XL16'0008000200000000000000000000000000000000'
0001AD80	E2E7C2D9 40D9D440			3581 DC CL48'SXBR RM -TA RNTE, RZ,RP,RM FPCR'
0001ADB0	00080001 00080001			3582 DC XL16'00080001000800010008000100080001'
0001ADC0	E2E7C2D9 40D9D440			3583 DC CL48'SXBR RM -TA RFS FPCR'
0001ADF0	00080001 00000000			3584 DC XL16'0008000100000000000000000000000000000000'
		00000010 00000001		3585 XBFPRMOF_NUM EQU (*-XBFPRMOF_GOOD)/64

LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0001AE00				3587 HELPERS DS 0H	(R12 base of helper subroutines)			
				3589 ****	*****	*****	*****	*****
				3590 *	REPORT UNEXPECTED PROGRAM CHECK			
				3591 ****	*****	*****	*****	*****
0001AE00				3593 PGMCK DS 0H				
0001AE00	F342 C072 F08E	0001AE72	0000008E	3594 UNPK PROGCODE(L'PROGCODE+1),PCINTCD(L'PCINTCD+1)				
0001AE06	926B C076	0001AE76	3595	MVI PGMCOMMA,C,'				
0001AE0A	DC03 C072 C178	0001AE72	0001AF78	3596 TR PROGCODE,HEXRTAB				
0001AE10	F384 C07C F150	0001AE7C	00000150	3598 UNPK PGMPSW+(0*9)(9),PCOLDPSW+(0*4)(5)				
0001AE16	9240 C084	0001AE84	3599	MVI PGMPSW+(0*9)+8,C'				
0001AE1A	DC07 C07C C178	0001AE7C	0001AF78	3600 TR PGMPSW+(0*9)(8),HEXRTAB				
0001AE20	F384 C085 F154	0001AE85	00000154	3602 UNPK PGMPSW+(1*9)(9),PCOLDPSW+(1*4)(5)				
0001AE26	9240 C08D	0001AE8D	3603	MVI PGMPSW+(1*9)+8,C'				
0001AE2A	DC07 C085 C178	0001AE85	0001AF78	3604 TR PGMPSW+(1*9)(8),HEXRTAB				
0001AE30	F384 C08E F158	0001AE8E	00000158	3606 UNPK PGMPSW+(2*9)(9),PCOLDPSW+(2*4)(5)				
0001AE36	9240 C096	0001AE96	3607	MVI PGMPSW+(2*9)+8,C'				
0001AE3A	DC07 C08E C178	0001AE8E	0001AF78	3608 TR PGMPSW+(2*9)(8),HEXRTAB				
0001AE40	F384 C097 F15C	0001AE97	0000015C	3610 UNPK PGMPSW+(3*9)(9),PCOLDPSW+(3*4)(5)				
0001AE46	9240 C09F	0001AE9F	3611	MVI PGMPSW+(3*9)+8,C'				
0001AE4A	DC07 C097 C178	0001AE97	0001AF78	3612 TR PGMPSW+(3*9)(8),HEXRTAB				
0001AE50	4100 0042		00000042	3614 LA R0,L'PROGMSG	R0 <= length of message			
0001AE54	4110 C05E		0001AE5E	3615 LA R1,PROGMSG	R1 --> the message text itself			
0001AE58	4520 C27A		0001B07A	3616 BAL R2,MSG	Go display this message			
0001AE5C	07FD			3617				
				3618 BR R13	Return to caller			
0001AE5E				3620 PROGMSG DS 0CL66				
0001AE5E	D7D9D6C7 D9C1D440			3621 DC CL20'PROGRAM CHECK! CODE '				
0001AE72	88888888			3622 PROGCODE DC CL4'hhhh'				
0001AE76	6B			3623 PGMCOMMA DC CL1','				
0001AE77	40D7E2E6 40			3624 DC CL5' PSW '				
0001AE7C	88888888 88888888			3625 PGMPSW DC CL36'hhhhhhh hhhhhhhh hhhhhhhh hhhhhhhh '				

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
				3627 ****	*****	*****
				3628 *	VERIFICATION ROUTINE	*****
				3629 ****	*****	*****
0001AEA0				3631 VERISUB DS 0H		
				3632 *		
				3633 ** Loop through the VERIFY TABLE...		
				3634 *		
0001AEA0	4110 C32C		0001B12C	3636 LA R1,VERIFTAB	R1 --> Verify table	
0001AEA4	4120 0012		00000012	3637 LA R2,VERIFLEN	R2 <= Number of entries	
0001AEA8	0D30			3638 BASR R3,0	Set top of loop	
0001AEAA	9846 1000		00000000	3640 LM R4,R6,0(R1)	Load verify table values	
0001AEAE	4D70 C0C2		0001AEC2	3641 BAS R7,VERIFY	Verify results	
0001AEB2	4110 100C		0000000C	3642 LA R1,12(,R1)	Next verify table entry	
0001AEB6	0623			3643 BCTR R2,R3	Loop through verify table	
0001AEB8	9500 C278		0001B078	3645 CLI FAILFLAG,X'00'	Did all tests verify okay?	
0001AEBC	078D			3646 BER R13	Yes, return to caller	
0001AEBE	47F0 F238		00000238	3647 B FAIL	No, load FAILURE disabled wait PSW	
				3649 *		
				3650 ** Loop through the ACTUAL / EXPECTED results...		
				3651 *		
0001AEC2	0D80			3653 VERIFY BASR R8,0	Set top of loop	
0001AEC4	D50F 4000 5030	00000000	00000030	3655 CLC 0(16,R4),48(R5)	Actual results == Expected results?	
0001AECA	4770 C0DA		0001AEDA	3656 BNE VERIFAIL	No, show failure	
0001AECE	4140 4010		00000010	3657 VERINEXT LA R4,16(,R4)	Next actual result	
0001AED2	4150 5040		00000040	3658 LA R5,64(,R5)	Next expected result	
0001AED6	0668			3659 BCTR R6,R8	Loop through results	
0001AED8	07F7			3661 BR R7	Return to caller	

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				3663 *****	*****	*****	*****
				3664 *	Report the failure...		
				3665 *****	*****	*****	*****
0001AEAD	9005 C250		0001B050	3667 VERIFAIL STM R0,R5,SAVER0R5	Save registers		
0001AEDE	92FF C278		0001B078	3668 MVI FAILFLAG,X'FF'	Remember verification failure		
				3669 *			
				3670 **	First, show them the description...		
				3671 *			
0001AEE2	D22F C1E0 5000	0001AFE0	00000000	3672 MVC FAILDESC,0(R5)	Save results/test description		
0001AEE8	4100 0044		00000044	3673 LA R0,L'FAILMSG1	R0 <= length of message		
0001AEEC	4110 C1CC		0001AFCC	3674 LA R1,FAILMSG1	R1 --> the message text itself		
0001AEF0	4520 C27A		0001B07A	3675 BAL R2,MSG	Go display this message		
				3676 *			
				3677 **	Save address of actual and expected results		
				3678 *			
0001AEF4	5040 C24C		0001B04C	3679 ST R4,AACUAL	Save A(actual results)		
0001AEF8	4150 5030		00000030	3680 LA R5,48(,R5)	R5 ==> expected results		
0001AEFC	5050 C248		0001B048	3681 ST R5,AEXPECT	Save A(expected results)		
				3682 *			
				3683 **	Format and show them the EXPECTED ("Want") results...		
				3684 *			
0001AF00	D205 C210 C408	0001B010	0001B208	3685 MVC WANTGOT,=CL6'Want: '			
0001AF06	F384 C216 C248	0001B016	0001B048	3686 UNPK FAILADR(L'FAILADR+1),AEXPECT(L'AEXPECT+1)			
0001AF0C	9240 C21E		0001B01E	3687 MVI BLANKEQ,C'			
0001AF10	DC07 C216 C178	0001B016	0001AF78	3688 TR FAILADR,HEXRTAB			
0001AF16	F384 C221 5000	0001B021	00000000	3690 UNPK FAILVALS+(0*9)(9),(0*4)(5,R5)			
0001AF1C	9240 C229		0001B029	3691 MVI FAILVALS+(0*9)+8,C'			
0001AF20	DC07 C221 C178	0001B021	0001AF78	3692 TR FAILVALS+(0*9)(8),HEXRTAB			
0001AF26	F384 C22A 5004	0001B02A	00000004	3694 UNPK FAILVALS+(1*9)(9),(1*4)(5,R5)			
0001AF2C	9240 C232		0001B032	3695 MVI FAILVALS+(1*9)+8,C'			
0001AF30	DC07 C22A C178	0001B02A	0001AF78	3696 TR FAILVALS+(1*9)(8),HEXRTAB			
0001AF36	F384 C233 5008	0001B033	00000008	3698 UNPK FAILVALS+(2*9)(9),(2*4)(5,R5)			
0001AF3C	9240 C23B		0001B03B	3699 MVI FAILVALS+(2*9)+8,C'			
0001AF40	DC07 C233 C178	0001B033	0001AF78	3700 TR FAILVALS+(2*9)(8),HEXRTAB			
0001AF46	F384 C23C 500C	0001B03C	0000000C	3702 UNPK FAILVALS+(3*9)(9),(3*4)(5,R5)			
0001AF4C	9240 C244		0001B044	3703 MVI FAILVALS+(3*9)+8,C'			
0001AF50	DC07 C23C C178	0001B03C	0001AF78	3704 TR FAILVALS+(3*9)(8),HEXRTAB			
0001AF56	4100 0035		00000035	3706 LA R0,L'FAILMSG2	R0 <= length of message		
0001AF5A	4110 C210		0001B010	3707 LA R1,FAILMSG2	R1 --> the message text itself		
0001AF5E	4520 C27A		0001B07A	3708 BAL R2,MSG	Go display this message		

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				3710 *			
				3711 **	Format and show them the ACTUAL ("Got") results...		
				3712 *			
0001AF62	D205 C210 C40E	0001B010	0001B20E	3713	MVC WANTGOT,=CL6'Got: '		
0001AF68	F384 C216 C24C	0001B016	0001B04C	3714	UNPK FAILADR(L'FAILADR+1),AACTUAL(L'AACTUAL+1)		
0001AF6E	9240 C21E		0001B01E	3715	MVI BLANKEQ,C'		
0001AF72	DC07 C216 C178	0001B016	0001AF78	3716	TR FAILADR,HEXRTAB		
0001AF78	F384 C221 4000	0001B021	00000000	3718	UNPK FAILVALS+(0*9)(9),(0*4)(5,R4)		
0001AF7E	9240 C229		0001B029	3719	MVI FAILVALS+(0*9)+8,C'		
0001AF82	DC07 C221 C178	0001B021	0001AF78	3720	TR FAILVALS+(0*9)(8),HEXRTAB		
0001AF88	F384 C22A 4004	0001B02A	00000004	3722	UNPK FAILVALS+(1*9)(9),(1*4)(5,R4)		
0001AF8E	9240 C232		0001B032	3723	MVI FAILVALS+(1*9)+8,C'		
0001AF92	DC07 C22A C178	0001B02A	0001AF78	3724	TR FAILVALS+(1*9)(8),HEXRTAB		
0001AF98	F384 C233 4008	0001B033	00000008	3726	UNPK FAILVALS+(2*9)(9),(2*4)(5,R4)		
0001AF9E	9240 C23B		0001B03B	3727	MVI FAILVALS+(2*9)+8,C'		
0001AFA2	DC07 C233 C178	0001B033	0001AF78	3728	TR FAILVALS+(2*9)(8),HEXRTAB		
0001AFA8	F384 C23C 400C	0001B03C	0000000C	3730	UNPK FAILVALS+(3*9)(9),(3*4)(5,R4)		
0001AFAC	9240 C244		0001B044	3731	MVI FAILVALS+(3*9)+8,C'		
0001AFB2	DC07 C23C C178	0001B03C	0001AF78	3732	TR FAILVALS+(3*9)(8),HEXRTAB		
0001AFB8	4100 0035		00000035	3734	LA R0,L'FAILMSG2	R0 <= length of message	
0001AFBC	4110 C210		0001B010	3735	LA R1,FAILMSG2	R1 --> the message text itself	
0001AFC0	4520 C27A		0001B07A	3736	BAL R2,MSG	Go display this message	
0001AFC4	9805 C250		0001B050	3738	LM R0,R5,SAVER0R5	Restore registers	
0001AFC8	47F0 C0CE		0001AECE	3739	B VERINEXT	Continue with verification...	
0001AFCC				3741 FAILMSG1 DS	0CL68		
0001AFCC	C3D6D4D7 C1D9C9E2			3742 DC	CL20'COMPARISON FAILURE! '		
0001AFE0	4D8485A2 83998997			3743 FAILDESC DC	CL48'(description)'		
0001B010				3745 FAILMSG2 DS	0CL53		
0001B010	40404040 4040			3746 WANTGOT DC	CL6' '	'Want: ' -or- 'Got: '	
0001B016	C1C1C1C1 C1C1C1C1			3747 FAILADR DC	CL8'AAAAAAA'		
0001B01E	407E40			3748 BLANKEQ DC	CL3' = '		
0001B021	88888888 88888888			3749 FAILVALS DC	CL36'hhhhhhhh hhhhhhhh hhhhhhhh hhhhhhhh '		
0001B048	00000000			3751 AEXPECT DC	F'0'	==> Expected ("Want") results	
0001B04C	00000000			3752 AACTUAL DC	F'0'	==> Actual ("Got") results	
0001B050	00000000 00000000			3753 SAVER0R5 DC	6F'0'	Registers R0 - R5 save area	
0001B068	F0F1F2F3 F4F5F6F7	0001AF78	00000010	3754 CHARHEX DC	CL16'0123456789ABCDEF'		
0001B078	00			3755 HEXRTAB EQU	CHARHEX-X'F0'	Hexadecimal translation table	
				3756 FAILFLAG DC	X'00'	FF = Fail, 00 = Success	

LOC	OBJECT CODE	ADDR1	ADDR2	STMT		
				3758 **** 3759 * Issue HERCULES MESSAGE pointed to by R1, length in R0 3760 ****		
0001B07A	4900 C404		0001B204	3762 MSG CH R0,=H'0'	Do we even HAVE a message?	
0001B07E	07D2			3763 BNHR R2	No, ignore	
0001B080	9002 C2B0		0001B0B0	3765 STM R0,R2,MSGSAVE	Save registers	
0001B084	4900 C406		0001B206	3767 CH R0,=AL2(L'MSGMSG)	Message length within limits?	
0001B088	47D0 C290		0001B090	3768 BNH MSGOK	Yes, continue	
0001B08C	4100 005F		0000005F	3769 LA R0,L'MSGMSG	No, set to maximum	
0001B090	1820			3771 MSGOK LR R2,R0	Copy length to work register	
0001B092	0620			3772 BCTR R2,0	Minus-1 for execute	
0001B094	4420 C2BC		0001B0BC	3773 EX R2,MSGMVC	Copy message to O/P buffer	
0001B098	4120 200A		0000000A	3775 LA R2,1+L'MSGCMD(,R2)	Calculate true command length	
0001B09C	4110 C2C2		0001B0C2	3776 LA R1,MSGCMD	Point to true command	
0001B0A0	83120008			3778 DC X'83',X'12',X'0008'	Issue Hercules Diagnose X'008'	
0001B0A4	4780 C2AA		0001B0AA	3779 BZ MSGRET	Return if successful	
0001B0A8	0000			3780 DC H'0'	CRASH for debugging purposes	
0001B0AA	9802 C2B0		0001B0B0	3782 MSGRET LM R0,R2,MSGSAVE	Restore registers	
0001B0AE	07F2			3783 BR R2	Return to caller	

0001B0B0	00000000 00000000		3785 MSGSAVE DC 3F'0'	Registers save area
0001B0BC	D200 C2CB 1000	0001B0CB	00000000 3786 MSGMVC MVC MSGMSG(0),0(R1)	Executed instruction
0001B0C2	D4E2C7D5 D6C8405C		3788 MSGCMD DC C'MSGNOH * '	*** HERCULES MESSAGE COMMAND ***
0001B0CB	40404040 40404040		3789 MSGMSG DC CL95' '	The message text to be displayed

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				3791 **** 3792 * VERIFY TABLE 3793 **** 3794 * 3795 * A(actual results), A(expected results), A(#of results) 3796 * 3797 ****
0001B12C				3799 VERIFTAB DC 0F'0' 3800 DC A(SBFPNFOT) 3801 DC A(SBFPNFOT_GOOD) 3802 DC A(SBFPNFOT_NUM)
0001B130	0000B000			3803 *
0001B134	00000064			3804 DC A(SBFPNFFL) 3805 DC A(SBFPNFFL_GOOD) 3806 DC A(SBFPNFFL_NUM) 3807 *
0001B138	00001700			3808 DC A(SBFPOUT) 3809 DC A(SBFPOUT_GOOD) 3810 DC A(SBFPOUT_NUM)
0001B13C	0000C900			3811 *
0001B140	00000064			3812 DC A(SBFPLGS) 3813 DC A(SBFPLGS_GOOD) 3814 DC A(SBFPLGS_NUM)
0001B144	00001E00			3815 *
0001B148	0000E200			3816 DC A(SBFPRMO) 3817 DC A(SBFPRMO_GOOD) 3818 DC A(SBFPRMO_NUM) 3819 *
0001B14C	00000006			3820 DC A(SBFPRMOF) 3821 DC A(SBFPRMOF_GOOD) 3822 DC A(SBFPRMOF_NUM)
0001B150	00001F00			3823 *
0001B154	0000E380			3824 DC A(LBFPNFOT) 3825 DC A(LBFPNFOT_GOOD) 3826 DC A(LBFPNFOT_NUM)
0001B158	00000006			3827 *
0001B15C	00002000			3828 DC A(LBFPNFFL) 3829 DC A(LBFPNFFL_GOOD) 3830 DC A(LBFPNFFL_NUM)
0001B160	0000E500			3831 *
0001B164	00000018			3832 DC A(LBFPOUT) 3833 DC A(LBFPOUT_GOOD) 3834 DC A(LBFPOUT_NUM)
0001B168	00002300			3835 *
0001B16C	0000EB00			3836 DC A(LBFPLGS) 3837 DC A(LBFPLGS_GOOD) 3838 DC A(LBFPLGS_NUM)
0001B170	00000018			3839 *
0001B174	00004000			3840 DC A(LBFPRMO) 3841 DC A(LBFPRMO_GOOD) 3842 DC A(LBFPRMO_NUM)
0001B178	0000F100			3843 *
0001B17C	000000C8			3844 DC A(LBFPRMOF) 3845 DC A(LBFPRMOF_GOOD) 3846 DC A(LBFPRMOF_NUM)
0001B180	00004D00			
0001B184	00012300			
0001B188	00000064			
0001B18C	00005400			
0001B190	00013C00			
0001B194	0000000C			
0001B198	00005600			
0001B19C	00013F00			
0001B1A0	00000006			
0001B1A4	00005700			
0001B1A8	00014080			
0001B1AC	00000028			
0001B1B0	00005C00			
0001B1B4	00014A80			
0001B1B8	00000018			

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				3847 *
0001B1BC	00008000			3848 DC A(XBFPNFOT)
0001B1C0	00015080			3849 DC A(XBFPNFOT_GOOD)
0001B1C4	000000C8			3850 DC A(XBFPNFOT_NUM)
				3851 *
0001B1C8	00008D00			3852 DC A(XBFPNFFL)
0001B1CC	00018280			3853 DC A(XBFPNFFL_GOOD)
0001B1D0	00000064			3854 DC A(XBFPNFFL_NUM)
				3855 *
0001B1D4	00009400			3856 DC A(XBFPOUT)
0001B1D8	00019B80			3857 DC A(XBFPOUT_GOOD)
0001B1DC	0000000C			3858 DC A(XBFPOUT_NUM)
				3859 *
0001B1E0	00009600			3860 DC A(XBFPLGS)
0001B1E4	00019E80			3861 DC A(XBFPLGS_GOOD)
0001B1E8	00000006			3862 DC A(XBFPLGS_NUM)
				3863 *
0001B1EC	00009700			3864 DC A(XBFPRMO)
0001B1F0	0001A000			3865 DC A(XBFPRMO_GOOD)
0001B1F4	00000028			3866 DC A(XBFPRMO_NUM)
				3867 *
0001B1F8	00009C00			3868 DC A(XBFPRMOF)
0001B1FC	0001AA00			3869 DC A(XBFPRMOF_GOOD)
0001B200	00000010			3870 DC A(XBFPRMOF_NUM)
		00000012	00000001	3871 * 3872 VERIFLEN EQU (*-VERIFTAB)/12 #of entries in verify table

LOC	OBJECT CODE	ADDR1	ADDR2	STMT
0001B204			3874	
0001B204	0000		3875	END
0001B206	005F		3876	=H'0'
0001B208	E68195A3 7A40		3877	=AL2(L'MSGMSG)
0001B20E	C796A37A 4040		3878	=CL6'Want: '
				=CL6'Got: '

SYMBOL	TYPE	VALUE	LENGTH	DEFN	REFERENCES																		
AACTUAL	F	01B04C	4	3752	3679 3714																		
AEXPECT	F	01B048	4	3751	3681 3686																		
AHELPERS	A	00027C	4	191	181 229																		
BFPSUBTR	J	000000	111124	107																			
BLANKEQ	C	01B01E	3	3748	3687 3715																		
CHARHEX	C	01B068	16	3754	3755																		
CTLR0	F	000308	4	239	200 201 202																		
FAIL	I	000238	4	189	3647																		
FAILADR	C	01B016	8	3747	3686 3688 3714 3716																		
FAILDESC	C	01AFE0	48	3743	3672																		
FAILFLAG	X	01B078	1	3756	3645 3668																		
FAILMSG1	C	01AFCC	68	3741	3673 3674																		
FAILMSG2	C	01B010	53	3745	3706 3707 3734 3735																		
FAILPSW	X	0002F8	8	237	189																		
FAILVALS	C	01B021	36	3749	3690 3691 3692 3694 3695 3696 3698 3699 3700 3702 3703 3704 3718 3719																		
FPCMCT	U	000005	1	929	473 684 871																		
FPCMODES	C	0008C4	1	923	929 476 687 874																		
FPCREGNT	X	00030C	4	240	338 358 405 425 478 489 550 569 616 636 689 700 762 815																		
FPCREGTR	X	000310	4	241	348 367 415 434 560 578 626 645 775 828																		
FPR0	U	000000	1	128																			
FPR1	U	000001	1	129	337 339 347 349 357 407 408 418 481 482 549 551 559 561																		
FPR10	U	00000A	1	138	759 765																		
FPR11	U	00000B	1	139																			
FPR12	U	00000C	1	140																			
FPR13	U	00000D	1	141	771 776 777 816 820 821 829 832 833 878 882 883																		
FPR14	U	00000E	1	142																			
FPR15	U	00000F	1	143	772 778 817 822 830 834 879 884																		
FPR2	U	000002	1	130																			
FPR3	U	000003	1	131	761 774 819 881																		
FPR4	U	000004	1	132																			
FPR5	U	000005	1	133																			
FPR6	U	000006	1	134																			
FPR7	U	000007	1	135																			
FPR8	U	000008	1	136	336 339 340 346 349 350 356 359 360 366 368 369 406 408																		
					409 416 418 419 426 427 428 435 436 437 480 482 483 491																		
					492 493																		

MACRO DEFN REFERENCES

No defined macros

DESC	SYMBOL	SIZE	POS	ADDR
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Entry: 0

Image	IMAGE	111124	00000-1B213	00000-1B213
Region		111124	00000-1B213	00000-1B213
CSECT	BFPSUBTR	111124	00000-1B213	00000-1B213

STMT	FILE NAME
1	c:\Users\Fish\Documents\Visual Studio 2008\Projects\MyProjects\ASMA-0\bfp-018-subtract\bfp-018-subtract.asm
** NO ERRORS FOUND **	