SMA Ver.	. 0.2.1 bfp-021-mu]	ltadd: Test	IEEE Mult	iply And	Add 17 Aug 2022 12:26:10 Page 1
LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				2 ** 3 *	********************
				4 * <sup>-</sup> 5 * 6 * 7 *	DXC are saved for all tests.
				8 * 9 *	
					instructions. Standard Multiply and Multiply to longer precision
				13 * 14 *	*********
				15 *	** IMPORTANT! **
				16 * 17 *	
				18 *	This test uses the Hercules Diagnose X'008' interface
				19 * 20 * 21 *	MUST contain a "DIAG8CMD ENABLE" statement within it!
				22 * 23 *	********************
				25 ** 26 *	*********************
				27 * 28 *	bfp-021-multadd.asm
				29 *	
				30 * 31 * 32 *	Hercules Binary Floating Point Validation Package by Stephen R. Orso
				34 * 35 *	Copyright 2016 by Stephen R Orso. Runtest *Compare dependency removed by Fish on 2022-08-16 PADCSECT macro/usage removed by Fish on 2022-08-16
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				42 * 43 *	
				44 * 45 *	<ol> <li>Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in</li> </ol>
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					PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

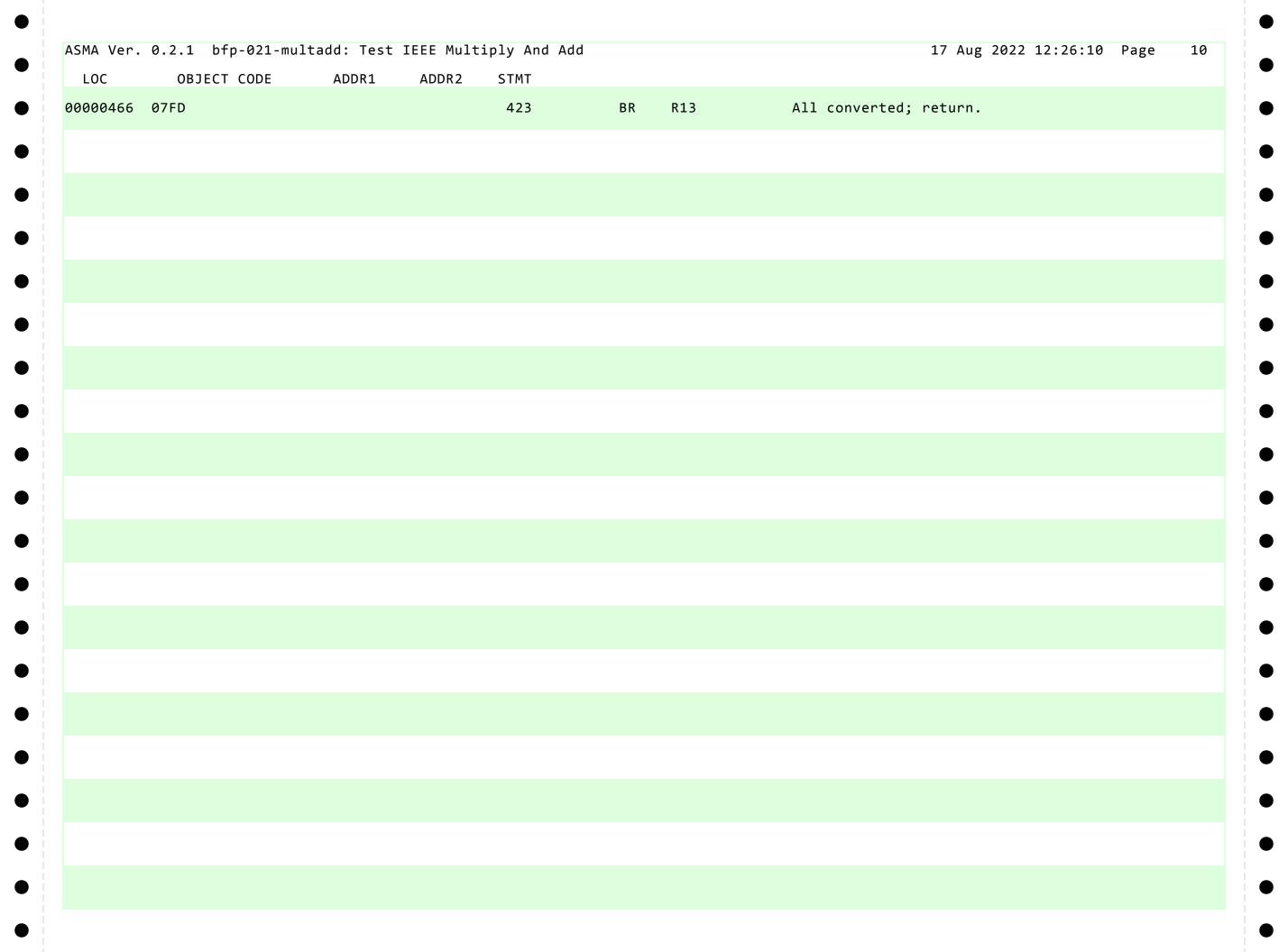
SMA Ver.	0.2.1 bfp-021-mu	ltadd: Test	IEEE Mult	ciply And	Add 17 Aug 2022 12:26:10 Page
LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
				57 *	HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
					EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
					PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
					PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
					(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
					OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
				64 *	*********************
				65 .	
				~ .	******************
				68 *	
				69 * 70 *	Tests the following three conversion instructions MULTIPLY AND ADD (short BFP, RRE)
				70 *	
				72 *	
				73 *	MULTIPLY AND ADD (long BFP, RXE)
				74 * 75 *	
					Test data is compiled into this program. The program itself verifies
					the resulting status of registers and condition codes via a series of
				78 *	simple CLC comparisons.
				79 *	
					Test Case Order 1) Short BFP basic tests, including traps and NaN propagation
					2) Short BFP finite number tests, including traps and scaling
				83 *	3) Short BFP FPC-controlled rounding mode exhaustive tests
					4) Long BFP basic tests, including traps and NaN propagation
					5) Long BFP finite number tests, including traps and scaling 6) Long BFP FPC-controlled rounding mode exhaustive tests
				87 *	by Long Bir ire-controlled rounding mode exhaustive tests
					Three input test sets are provided each for short and long BFP
				89 *	inputs. Test values are the same for each precision for most
				90 * 91 *	
				91 *	
					Review of Softfloat code for multiply and add shows that the
				94 *	multiplication and addition are performed in precision-independent
					format. Overflow, underflow, inexact, and incremented are detected
					upon conversion from precision-independent format to the target format. As a result, it should not matter whether overflow etc is
					caused by the multiplication or the addition. We will include
				99 *	a few test cases where this differs in the finite testing section,
					but that's all.
				101 * 102 *	Also tests the following floating point support instructions
				103 *	
				104 *	LOAD (Long)
				105 *	
				106 * 107 *	,
				107 * 108 *	
				109 *	
				110 *	
				111 *	*******************

ASMA Ver.	0.2.1 bfp-021-mult	add: Test	IEEE Multi	ply And Add	17 Aug 2022 12:26:10 Page 4
LOC	OBJECT CODE	ADDR1	ADDR2	STMT	
00000000		00000000 0003A4C0		155 156	USING *,R15 USING HELPERS,R12
					vorks on real iron (R15=0 after sysclear) z/CMS (R15 points to start of load module)
				163 *	re definitions, Restart PSW, and Program Check Routine.
				165 * 166 ******	·*************************************
00000000 0000008E	0000	00000000	0000008E	168 169 PCINTCD	ORG STRTLABL+X'8E' Program check interrution code DS H
		00000150	00000001	170 * 171 PCOLDPSW 172 *	EQU STRTLABL+X'150' z/Arch Program check old PSW
00000090 000001A0	00000001 80000000	00000090	000001A0	173 174 175 *	ORG STRTLABL+X'1A0' z/Arch Restart PSW DC X'0000000180000000',AD(START)
000001B0 000001D0	00000000 00000000	000001B0	000001D0	176 177 178 *	ORG STRTLABL+X'1D0' z/Arch Program check NEW PSW DC X'00000000000000000',AD(PROGCHK)
				180 * the in: 181 * No nee	n check routine. If Data Exception, continue execution at struction following the program check. Otherwise, hard wait. It to collect data. All interesting DXC stuff is captured
000001E0		000001E0	00000200	182 * in the 183 * 184	ORG STRTLABL+X'200'
00000200 00000200	9507 F08F A774 0004		0000008F 0000020C	185 PROGCHK 186 187	
00000208	B2B2 F150		00000150	188	LPSWE PCOLDPSWyes, resume program execution
00000210 00000214	900F F23C 58C0 F27C 4DD0 C000 980F F23C		0000023C 0000027C 0003A4C0 0000023C	190 PCNOTDTA 191 192 193	STM R0,R15,SAVEREGS Save registers L R12,AHELPERS Get address of helper subroutines BAS R13,PGMCK Report this unexpected program check LM R0,R15,SAVEREGS Restore registers
0000021C 0000021E	12EE 077E			195 196	LTR R14,R14 Return address provided? BNZR R14 Yes, return to z/CMS test rig.
00000228	B2B2 F228 00020000 00000000 B2B2 F2E0		00000228 000002E0	197 198 PROGPSW 199 FAIL	LPSWE PROGPSW Not data exception, enter disabled wait DC 0D'0',X'000200000000000',XL6'00',X'DEAD' Abnormal end LPSWE FAILPSW Not data exception, enter disabled wait
	00000000 00000000			200 SAVEREGS 201 AHELPERS	DC 16F'0' Registers save area

ASMA Ver.	0.2.1	bfp-021-multa	dd: Test	IEEE Multi;	oly And	Add			17 Aug 2022 12:26:10 Page	7
LOC	ОВО	JECT CODE	ADDR1	ADDR2	STMT					
					290 *				*************	
					292 *	of test	s ched	cks NaN propag	sing provided short BFP inputs. This set ation, operations on values that are not basic tests. This set generates results	
					294 *	that ca SA22-78	an be v	validated agai	nst Figure 19-24 on page 19-39 of	
					297 * 298 * 299 *	Four reexcepti	ons no	on-trappable,	for each input: one RRE with all a second RRE with all exceptions trappable, tions non-trappable, a fourth RXE with all	
					301 *	•			opend instruction validation against	
					303 * 304 *	Figure phenomo	19-24 nal se	, effectively et of results.	erand instruction, validation against an 8 x 8 x 8 table, will generate a Namely 512 results of 16 bytes each 16 bytes each.	
					306 * 307 * 308 *		oduct a	and FPCR are s	tored for each result.	
						******	*****	******	**************	
0000035C 0000035C 00000360	9889 A			00000000 00000008	311 SI 312 313	BFPNF	DS LM LM	0H R2,R3,0(R10) R8,R9,8(R10)	BFP Short non-finite values tests Get count and addr of multiplicand values Get address of result area and flag area.	
00000364 00000366					314 315 316 *		LTR BZR	R2,R2 R13	Any test cases? No, return to caller	
00000368 00000368		A000		00000000	317 SI 318 319 *	BFPNFLP	LM	0H R4,R5,0(R10)	Top of outer loop - Multiplicand Get count and start of multiplier valueswhich are the same as the multiplicands	
0000036C	0DC0				320 321 *		BASR	R12,0	Set top of middle loop	
0000036E 0000036E	0967 /	1000		00000000	322 323		DS LM	0H R6,R7,0(R10)	Top of middle loop - multiplier Get count and start of addend values	
00000372		1000		00000000	324 * 325		BASR		which are the same as the multiplicands Set top of inner loop - addend	
					326 * 327 * 328 *			Add: R1 = R3		
00000374 00000378	7840 3 7810 5			00000000	329 330 331 *		LE LE	FPR4,0(,R3) FPR1,0(,R5)	Get short BFP multiplicand Get short BFP multiplier	
0000037C 00000380 00000384	B29D F 7880 7 B30E 8	7000		000002F4 00000000	332 333 334		LE	FPCREGNT FPR8,0(,R7) FPR8,FPR4,FPR	Set exceptions non-trappable Get short BFP addend 1 Multiply FPR4 by FPR1, add FPR8 RRE	
	7080 8	3000		00000000	335 336 337 *		STE	FPR8,0(,R8) 0(R9)	Store resulting FPCR flags and DXC	
00000390 00000394 00000398	B29D F 7880 7 B30E 8	7000		000002F8 00000000	338 339 340		LE	FPCREGTR FPR8,0(,R7) FPR8,FPR4,FPR	Set exceptions trappable Get short BFP addend 1 Multiply FPR4 by FPR1, add FPR8 RRE	
0000039C 000003A0		3004		00000004 00000004	341 342 343 *		STE	FPR8,4(,R8) 4(R9)	Store short BFP product-sum Store resulting FPCR flags and DXC	

ASMA Ver.	0.2.1 btp-021-mul	tauu. Test Ici	сс митстр.	iy Ana Ada			17 Aug 2022 12:26:10 Page	0
LOC	OBJECT CODE	ADDR1 A	ADDR2	STMT				
000003A4 000003A8	B29D F2F4 7880 7000		00002F4 0000000	344 345	LFPC LE	FPCREGNT FPR8,0(,R7)	Set exceptions non-trappable Get short BFP addend	
000003AC 000003B2 000003B6	ED40 5000 800E 7080 8008 B29C 9008	06	0000000 0000008 0000008	346 347 348	MAEB STE	FPR8, FPR4, 0(, FPR8, 8(, R8) 8(R9)	R5) Mult. FPR4 by multiplier, add FPR8 RXE Store short BFP product-sum Store resulting FPCR flags and DXC	
000003BA 000003BE	B29D F2F8 7880 7000		00002F8 0000000	349 * 350 351		FPCREGTR FPR8,0(,R7)	Set exceptions trappable Get short BFP addend	
000003C2 000003C8 000003CC	ED40 5000 800E 7080 800C B29C 900C	06	0000000 000000C 000000C	352 353 354	STE	FPR8,FPR4,0(, FPR8,12(,R8) 12(R9)	R5) Mult. FPR4 by multiplier, add FPR8 RXE Store short BFP product-sum Store resulting FPCR flags and DXC	
000003D0 000003D4	4180 8010 4190 9010		0000010 0000010	355 * 356 357		R8,4*4(,R8) R9,4*4(,R9)	Point to next product-sum result area Point to next FPCR contents area	
000003D8 000003DC	4170 7004 0661	06	0000004	358 359 360 *	LA BCTR	R7,4(,R7) R6,R1	Point to next addend value Loop through addend values	
000003DE 000003E2	4150 5004 064C	06	0000004	361 362 363 *	LA BCTR	R5,4(,R5) R4,R12	Point to next multiplier Loop through multiplier values	
000003E4 000003E8 000003EC	4130 3004 4620 F368 07FD		0000004 0000368	364 365 366	LA BCT BR	R3,4(,R3) R2,SBFPNFLP R13	Point to next multiplicand Loop through multiplicand values All converted; return.	

	0.2.1 bfp-021-m				d Add			17 Aug 2022 12:26:10 Page
LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
				368 369		*****	******	***********
				370 371	* Perfor * This s	et of	tests triggers	sing provided short BFP input triples. IEEE exceptions Overflow, Underflow, and trap and non-trap results.
				373 374	* * Four r	esults	are generated	for each input: one RRE with all a second RRE with all exceptions trappable,
				376 377	* a thir * except	d RXE		tions non-trappable, a fourth RXE with all
				380	* The pr *			tored for each result.
				381	*****	*****	******	************
	9823 A000		00000000		SBFPF	LM	R2,R3,0(R10)	
	9878 A008 1222		00000008	384 385		LM LTR	R7,R8,8(R10) R2,R2	Get address of result area and flag area. Any test cases?
00003F8				386 387		BZR BASR	R13 R12,0	No, return to caller Set top of loop
				388	*		•	·
	B29D F2F4 7840 3000		000002F4 00000000	389 390		LE	FPCREGNT FPR4,0(,R3)	Set exceptions non-trappable Get short BFP multiplicand
	7810 3004		00000000	391		LE		Get short BFP multiplier
	7880 3008		00000008	392		LE		Get short BFP addend
	B30E 8041			393		MAEBR	FPR8, FPR4, FPR	1 Multiply FPR4 by FPR1, add FPR8 RRE
	7080 7000 B29C 8000		00000000 00000000	394 395			FPR8,0(,R7) 0(R8)	Store short BFP product-sum Store resulting FPCR flags and DXC
0000440	D20D 5250		00000050	396	*	LEDG	FRERECTR	
0000418	B29D F2F8 7880 3008		000002F8 00000008	397		LEPC	FPCREGTR	Set exceptions trappable
000041C	7880 3008		00000008	398 399	*	LE	FPR8, 2"4(, R3)	Reload short BFP addendmultiplier is still in FPR1,
				400				multiplier is still in FPR4
0000420	B30E 8041			401		MAEBR	FPR8, FPR4, FPR	1 Multiply short FPR8 by FPR1 RRE
0000424	7080 7004		00000004	402				Store short BFP product-sum
0000428	B29C 8004		00000004	403 404	*	STFPC	4(R8)	Store resulting FPCR flags and DXC
000042C	B29D F2F4		000002F4	405			FPCREGNT	Set exceptions non-trappable
0000430	7880 3008		00000008	406 407	*	LE	FPR8,2*4(,R3)	Reload short BFP addendmultiplicand is still in FPR4
0000434	ED40 3004 800E		00000004	408				R3) Mult. FPR4 by multiplier, add FPR8 RXE
000043A 000043E	7080 7008 B29C 8008		00000008 00000008	409 410		STE STFPC	FPR8,2*4(,R7) 8(R8)	Store short BFP product Store resulting FPCR flags and DXC
0000442	DOOD EDEO		00000000	411	*	LEDC	FPCREGTR	Sat aveantions thannahla
0000442 0000446	B29D F2F8 7880 3008		000002F8 00000008	412 413		LE		Set exceptions trappable Reload short BFP addend
3333440	, 555 5666			414	*	- L		multiplicand is still in FPR4
000044A	ED40 3004 800E		00000004	415		MAEB	FPR8, FPR4, 4(,	R3) Mult. FPR4 by multiplier, add FPR8 RXE
0000450	7080 700C		0000000C	416		STE	FPR8,3*4(,R7)	Store short BFP product
0000454	B29C 800C		0000000C	417 418	*	STFPC	12(R8)	Store resulting FPCR flags and DXC
0000458	4130 300C		0000000C	419		LA	R3,3*4(,R3)	Point to next input value trible
	4170 7010		00000010	420		LA	R7,4*4(,R7)	Point to next product result set
						1 A	DO 1*1/ DO\	Deint to make FDCD magnilt and
000045C 0000460 0000464	4180 8010		00000010	421 422		LA BCTR	R8,4*4(,R8) R2,R12	Point to next FPCR result set Convert next input value.

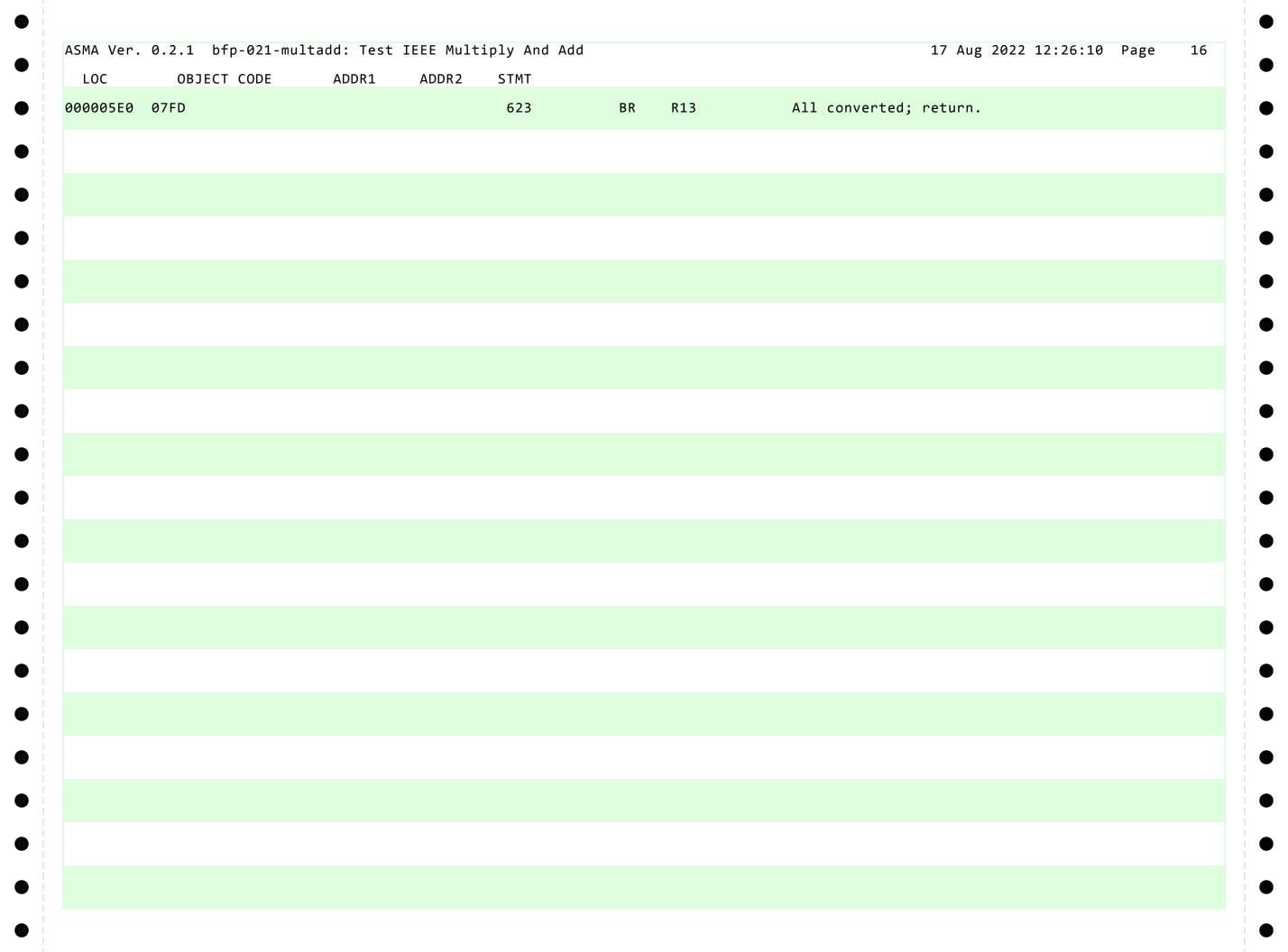


·						2 2 = ===== : <b>482</b>	1
ORIECI CODE	ADDRI	ADDR 2					
				*****	******	**************	
				form Mult	inly And Add :	using provided short RED input triples	
				Ciar EDC			
					ing mode KNTL,	do not often create results that require	
			435 *				
				one RXE.	Traps are di	isabled for all rounding mode tests.	
				product	and FPCR are s	stored for each test.	
			440 *	•			
			441 *****	*****	******	**************	
9823 A000		00000000	443 SBFPR	M LM	R2,R3,0(R10)	Get count and address of test input values	
		80000008	444	LM			
			449		, .		
4150 0005		00000005	450	LA	R5,FPCMCT	Get count of FPC modes to be tested	
0D90				BASR	R9,0	Set top of rounding mode outer loop	
4315 F64R		0000064B		TC	R1.FPCMODES-I	'FPCMODES(R5) Get next FPC mode	
1323 1 0 15		000000.2	454 *		M2,110,10525	The mode	
		000002F4	455			Set exceptions non-trappable, clear flags	
					0(R1)	Set FPC Rounding Mode	
B30E 8041			460				
7080 7000		0000000	461				
B29C 8000		00000000		STEPC	0(R8)	Store resulting FPCR flags and DXC	
R29D F2F4		000002F4		I FPC	FPCREGNT	Set excentions non-trannable clear flags	
B2B8 1000		00000217					
7880 3008		00000008	466	LE	FPR8,8(,R3)	Get short BFP addend	
ED 40 2004 2005		0000000			EDDO EDD4 11	multiplicand is still in FPR4	
J_JC 000+		3333334	471 *	31110	. (1.0)	See. C resulting frenchings und bic	
		00000008	472	LA	R7,2*4(,R7)	Point to next product result set	
4180 8008		00000008	473	LA	R8,2*4(,R8)	Point to next FPCR result area	
0650				PCTD	DE DO	Thenate to next EDC mode for this input	
עכטט				DCIK	לא,כח	iterate to next FPC mode for this input	
				of FPC m	odes to be tes	sted. Advance to next test case. We will	
						t area so that each set of five result	
	OBJECT CODE  9823 A000 9878 A008 1222 078D 1711 0DC0  4150 0005 0D90  4315 F64B  B29D F2F4 B2B8 1000 7840 3000 7840 3000 7810 3004 7880 3008 B30E 8041 7080 7000 B29C 8000  B29D F2F4 B2B8 1000 7880 3008 B30E 8041 7080 7000 B29C 8000  B29D F2F4 B2B8 1000 7880 3008 B29D F2F4 B2B8 1000 7880 7004 B29C 8004  4170 7008	OBJECT CODE ADDR1  9823 A000 9878 A008 1222 078D 1711 0DC0  4150 0005 0D90  4315 F64B  B29D F2F4 B2B8 1000 7840 3004 7880 3008 B30E 8041 7080 7000 B29C 8000  B29D F2F4 B2B8 1000 7880 3008 B30E 8041 7080 7000 B29C 8000 B29D F2F4 B2B8 1000 7880 3008 B30E 8041 7080 7000 B29C 8000 B29D F2F4 B2B8 1000 7880 3008 B29D F2F4 B2B8 1000 7880 3008 B29D F2F4 B2B8 1000 7880 3008	OBJECT CODE ADDR1 ADDR2  9823 A000 9878 A008 1222 078D 1711 0DC0  4150 0005 0D90  4315 F64B  829D F2F4 82B8 1000 7840 3004 7810 3004 7880 3008 830E 8041 7080 7000 829C 8000 00000008 829C 8000 00000000 829C 8000 000000000000000000000000000000000	OBJECT CODE ADDR1 ADDR2 STMT  425 ***** 426 * 427 * Per 428 * Thi 429 * Mul 430 * FPC 431 * 431 * 431 * 432 * All 433 * usi 434 * rou 436 * Two 437 * and 438 * 439 * The 440 * 441 *****  9823 A000 0000000 443 SBFPR 9878 A008 00000008 444 1222 078D 446 1711 447 0DC0 448 1222 078D 446 1711 447 0DC0 448 4150 0005 0000005 450 0D90 451 451 452 * 458 1000 0000000 456 0D90 451 452 * 455 * 458 1000 00000000 456 459 1450 450 1450 450 1450 451 455 460 451 455 460 451 455 460 451 455 460 451 455 460 451 455 460 451 455 460 451 455 460 451 455 460 451 455 460 451 455 460 452 460 453 460 454 460 455 460 456 460 457 460 458 1000 0000000 456 459 160 450 160 451 455 460 452 460 453 460 454 460 455 460 460 460 460 460 460 460 460 460 460	## 425 ***********************************	ADDR1   ADDR2   STMT	ADDR1

ASMA Ver.	0.2.1	bfp-021-multa	dd: Test	IEEE Multi	ply And	Add			17 Aug 2022 12:26:10 Page	13
LOC	ОВЈ	ECT CODE	ADDR1	ADDR2	STMT					
					489 ** 490 *	*****	*****	******	***********	
					491 * 492 * 493 *	of test finite	s ched number	cks NaN propagrs, and other	sing provided long BFP inputs. This set ation, operations on values that are not basic tests. This set generates results nst Figure 19-24 on page 19-39 of	
						SA22-78			The state of the s	
					498 * 499 *	excepti a third	ons no RXE v	on-trappable, with all excep	for each input: one RRE with all a second RRE with all exceptions trappable, tions non-trappable, a fourth RXE with all	
					501 *	•		rappable.		
					503 * 504 * 505 *	Figure phenomo	19-24, nal se	, effectively et of results.	erand instruction, validation against an 8 x 8 x 8 table, will generate a Namely 512 results of 16 bytes each 16 bytes each.	
					506 * 507 * 508 *	The pro	duct a	and FPCR are s	tored for each result.	
					509 **	*****	*****	******	*************	
000004D6 000004D6 000004DA	9823 A 9889 A			00000000 00000008	511 LB 512 513		DS LM LM	0H R2,R3,0(R10) R8,R9,8(R10)	BFP long non-finite values tests Get count and addr of multiplicand values Get address of result area and flag area.	
	1222 078D				514 515 516 *		LTR BZR	R2,R2 R13	Any test cases?No, return to caller	
000004E2 000004E2		000		00000000	517 LB 518 519 *		LM	0H R4,R5,0(R10)	which are the same as the multiplicands	
000004E6	0DC0				520 521 *			R12,0	Set top of middle loop	
000004E8 000004E8		000		00000000	522 523 524 *		DS LM	0H R6,R7,0(R10)	which are the same as the multiplicands	
000004EC	0D10				525 526 * 527 * 528 *		BASR y and	R1,0 Add: R1 = R3	Set top of inner loop - addend x R2 + R1	
	7840 3 7810 5			00000000	529 530 531 *		LE LE	FPR4,0(,R3) FPR1,0(,R5)	Get long BFP multiplicand Get long BFP multiplier	
000004F6 000004FA 000004FE	B29D F 6880 7 B31E 8	000 041		000002F4 00000000	532 533 534		LD MADBR	FPCREGNT FPR8,0(,R7) FPR8,FPR4,FPR		
00000502 00000506	6080 8 B29C 9			00000000 00000000	535 536 537 *		STD STFPC	FPR8,0(,R8) 0(R9)	Store long BFP product-sum Store resulting FPCR flags and DXC	
0000050A 0000050E 00000512	B29D F 7880 7 B31E 8	000		000002F8 00000000	538 539 540		LE	FPCREGTR FPR8,0(,R7) FPR8,FPR4,FPR	Set exceptions trappable Get long BFP addend 1 Multiply FPR4 by FPR1, add FPR8 RRE	
00000516 0000051A	6080 8 B29C 9	008		00000008 00000004	541 542 543 *		STD		Store long BFP product-sum Store resulting FPCR flags and DXC	

ASMA Ver.	0.2.1 bfp-021-mult	add: Test IEEE Multi	lply And Add			17 Aug 2022 12:26:10 Page	14
LOC	OBJECT CODE	ADDR1 ADDR2	STMT				
0000051E 00000522 00000526 0000052C 00000530	B29D F2F4 7880 7000 ED40 5000 801E 6080 8010 B29C 9008	00002F4 0000000 0000000 0000010 0000008	544 545 546 547 548	LE MADB STD		Set exceptions non-trappable Get long BFP addend R5) Mult. FPR4 by multiplier, add FPR8 RXE Store long BFP product-sum Store resulting FPCR flags and DXC	
00000534 00000538 0000053C 00000542 00000546	B29D F2F8 7880 7000 ED40 5000 801E 6080 8018 B29C 900C	000002F8 00000000 00000000 00000018 0000000C	549 * 550 551 552 553 554	LFPC LE MADB STD	FPCREGTR FPR8,0(,R7) FPR8,FPR4,0(,	Set exceptions trappable Get long BFP addend R5) Mult. FPR4 by multiplier, add FPR8 RXE Store long BFP product-sum Store resulting FPCR flags and DXC	
0000054A 0000054E 00000552 00000556		00000020 00000010 00000008	555 * 556 557 558 559	LA LA LA BCTR	R8,4*8(,R8) R9,4*4(,R9) R7,8(,R7) R6,R1	Point to next product-sum result area Point to next FPCR contents area Point to next addend value Loop through addend values	
00000558 0000055C	4150 5008 064C	00000008	560 * 561 562 563 *	LA BCTR	R5,8(,R5) R4,R12	Point to next multiplier Loop through multiplier values	
0000055E 00000562 00000566	4130 3008 4620 F4E2 07FD	00000008 000004E2	564 565 566	LA BCT BR	R3,8(,R3) R2,LBFPNFLP R13	Point to next multiplicand Loop through multiplicand values All converted; return.	

ASMA Ver.	0.2.1 bfp-021-mul	Ltadd: Test IEEE Mu	ltiply An	nd Add		17 Aug 2022 12:26:10 Page	15
LOC	OBJECT CODE	ADDR1 ADDR2	STMT				
			569	*		************	
			571 572	* set of tes * Inexact ar	ts triggers IEE	using provided long BFP input triples. This E exceptions Overflow, Underflow, and trap results.	
				* Four resul		d for each input: one RRE with all a second RRE with all exceptions trappable,	
				* exceptions		ptions non-trappable, a fourth RXE with all	
			580			stored for each result. ************************************	
			301				
00000568 0000056C	9823 A000 9878 A008	00000 000000		LBFPF LM			
00000570 00000572	1222 078D		585 586	LTI BZI	R2,R2 \	Any test cases?No, return to caller	
00000574	0DC0		587 588	*	SR R12,0	Set top of loop	
00000576 0000057A	B29D F2F4 6840 3000	000002 000000		LFF LD	PC FPCREGNT FPR4,0(,R3)	Set exceptions non-trappable Get long BFP multiplicand	
0000057E 00000582	6810 3008 6880 3010	000000 000000	10 592	LD LD	FPR1,8(,R3) FPR8,16(,R3)		
00000586 0000058A 0000058E	B31E 8041 6080 7000 B29C 8000	000000 000000		STI	DBR FPR8,FPR4,FP D FPR8,0(,R7) FPC 0(R8)	R1 Multiply FPR4 by FPR1, add FPR8 RRE Store long BFP product Store resulting FPCR flags and DXC	
00000592	B29D F2F8	000002	596	*	C FPCREGTR	Set exceptions trappable	
00000596	6880 3010	000000	599		FPR8,16(,R3)	Reload long BFP addendmultiplier is still in FPR1,	
0000059A	B31E 8041	00000	600 601	MAI	DBR FPR8,FPR4,FP		
0000059E 000005A2	6080 7008 B29C 8004	000000 000000			FPR8,8(,R7) FPC 1*4(R8)	Store long BFP product-sum Store resulting FPCR flags and DXC	
000005A6 000005AA	B29D F2F4 6880 3010	000002 000000		LD	PC FPCREGNT FPR8,16(,R3)	Set exceptions non-trappable Reload long BFP addend multiplicand is still in FFR4	
000005AE 000005B4 000005B8	ED40 3008 801E 6080 7010 B29C 8008	000000 000000 000000	08 608 10 609	MAI STI		,R3) Mult. FPR4 by multiplier, add FPR8 RXE ) Store long BFP product-sum Store resulting FPCR flags and DXC	
000005BC	B29D F2F8	000002	611 F8 612	* LFF	PC FPCREGTR	Set exceptions trappable	
000005C0 000005C4	6880 3010 ED40 3008 801E	000000	614	* MAI	FPR8,16(,R3)  B FPR8,FPR4,8(	Reload long BFP addendmultiplicand is still in FFR4 ,R3) Mult. FPR4 by multiplier, add FPR8 RXE	
000005CA 000005CE	6080 7018 B29C 800C	000000 000000	18 616			) Store long BFP product-sum Store resulting FPCR flags and DXC	
000005D2	4130 3018	00000	18 619	LA	R3,3*8(,R3)	Point to next input value triple	
000005D6 000005DA 000005DE	4170 7020 4180 8010 062C	000000 000000		LA LA BC	R7,4*8(,R7) R8,4*4(,R8) R R2,R12	Point to next product-sum result set Point to next FPCR result area Convert next input value.	



ASMA Ver.	0.2.1	bfp-021-mult	add: Test	IEEE Multi	ply An	d Add			17 Aug 2022 12:26:10 Page	17
LOC	OBJ	JECT CODE	ADDR1	ADDR2	STMT					
					626 627 628 629 630 631 632 633 634 635 636 637 638 639	* Performates the state of the	m Multi exhaust unding ve FPC roundir ng. sults a e RXE.	iply using procively tests a mode can only rounding mode RNTE, are generated Traps are di	<pre>************************ vided long BFP input pairs. This set of 11 rounding modes available for Multiply.   be specified in the FPC.  s are tested because the preceding tests, do not often create results that require  for each input and rounding mode: one RRE sabled for all rounding mode tests.  tored for each result.  ***********************************</pre>	
000005E2 000005E6 000005EA 000005EC	9878 A 1222 078D			00000000	643 644 645	LBFPRM	LM LM LTR BZR	R2,R3,0(R10) R7,R8,8(R10) R2,R2 R13	Get address of result area and flag area. Any test cases?No, return to caller	
000005EE 000005F0	1711 0DC0				646 647 648		XR BASR	R1,R1 R12,0	Zero register 1 for use in IC/STC/indexing Set top of test case loop	
000005F2 000005F6	4150 0 0D90	0005		00000005	649 650 651	*	LA BASR	R5,FPCMCT R9,0	Get count of FPC modes to be tested Set top of rounding mode loop	
000005F8	4315 F	64B		0000064B	652 653		IC	R1,FPCMODES-L	'FPCMODES(R5) Get next FPC mode	
000005FC 00000600 00000604 00000608 0000060C	B2B8 1 6840 3 6810 3	L000 3000 3008		000002F4 00000000 00000000 00000008 00000010	654 655 656 657 658		SRNMB LD LD	FPR4,0(,R3) FPR1,8(,R3)	Set exceptions non-trappable, clear flags Set FPC Rounding Mode Get long BFP multiplicand Get long BFP multiplier Get long BFP addend	
00000610 00000614 00000618	B31E 8 6080 7 B29C 8	3041 7000 3000		00000000 00000000	659 660 661 662	*	MADBR STD STFPC	FPR8, FPR4, FPR FPR8, 0(, R7) 0(R8)	1 Multiply FPR4 by FPR1, add FPR8 RRE Store long BFP product-sum Store resulting FPCR flags and DXC	
0000061C 00000620 00000624 00000628 0000062E	B2B8 1 6880 3 ED40 3	1000 3010 3008 801E		000002F4 00000000 00000010 00000008 00000008	663 664 665 666 667		SRNMB LD		R3) Multiply long FPR8 by multiplier RXE	
00000632 00000636	B29C 8	3004		00000004 00000010	668 669 670	*		4(R8) R7,2*8(,R7)	Store resulting FPCR flags and DXC  Point to next product result set	
0000063A	4180 8			00000010	671 672	*	LA	R8,2*4(,R8)	Point to next FPCR result area	
0000063E	0659				676 677	* End of * skip e: * FPCR co * convent	FPC moight by	tes of FPCR r	Iterate to next FPC mode  ted. Advance to next test case. We will esult area so that each set of five result at a memory address ending in zero for the review.	

MA Ver.	0.2.1 bfp-021-mu	ıtadd: lest	IEEE MUITI	pry And Add			17 Aug 2022 12:26:10 Page 18
LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
	4130 3018 4180 8008 062C		00000018 00000008	680 681 682	LA LA BCTR	R3,3*8(,R3) R8,8(,R8) R2,R12	Point to next input value triple Skip to start of next FPCR result area Multiply next input value lots of times
0064A	07FD			683 * 684	BR	R13	All converted; return.
AFOOO	0710			004	DIX	KIS	ATT CONVETCES, TECUTIO

MA Ver.	0.2.1 bfp-021-mu	Itadd: Test	IEEE Multi	.ply And Add		17 Aug 2022 12:26:10 Page	19
LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				686 *********** 687 *	*******	************	
					rounding modes	to test product rounding modes.	
				690 * The Set BFP	Rounding Mode do	oes allow specification of the FPC	
				692 * BFP rounding		so we shall index into a table of pothering with Execute.	
				693 * 694 **********	*******	************	
				698 * rounding of		set in the FPCR. The FPCR controls	
				701 * So the modes	ndexed directly b s are listed in r	by the loop counter, which counts down. reverse order here.	
00064C				702 * 703 FPCMODES DS	0C		
00064C				704 DC	AL1(7)	RFS, Round for shorter precision	
00064D 00064E	03 02			705 DC 706 DC	AL1(3) AL1(2)	RM, Round to -infinity RP, Round to +infinity	
00064F	01			707 DC	AL1(1)	RZ, Round to zero	
000650	00	00000005	00000001	708 DC 709 FPCMCT EQU 710 *	AL1(0) *-FPCMODES	RNTE, Round to Nearest, ties to even Count of FPC Modes to be tested	
				, 20			

ASMA Ver.	0.2.1 bfp-021-mu	ltadd: Test :	IEEE Multi	ply And Add		17 Aug 2022 12:26:10	Page 20
LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				712 ******* 713 *	***********	*********	***
				714 * Short 715 *	P test data sets for Multiply And	5	
				717 * NaN pr	t test data set is used for tests agation, and results from operation umbers. The same set of eight va	ons involving other than	
				719 * multip 720 * 512 te	cand, multiplier, and addend, res		
					nd test data set is used for test: o finite non-zero values. Each po		
				724 * and ty 725 * this t	of result (normal, scaled, etc)		
					d test data set is used for exhaus		
				729 * instru 730 *	ion.	. ,	
				732 * multip 733 * that b	tegy for predictable rounding mode cand with some one-bits in the low 1/16 (0.0625). In BFP, this will order byte out of the target prec	w-order byte and multipl have the effect of shif	ting
				735 * into t 736 * input 737 *	high-order portion of the bits to w-order byte will be determined by	hat control rounding. T y the rounding desired.	he
				738 ******	*************	*********	***
				741 *	**************************************		
				743 * zero i 744 * 19-39	uts. Member values chosen to values of the second s	idate Figure 19-24 on pa s table is used as the	ge
				746 * sets. 747 * 748 ******	**********	********	***
00000654				ZEO CREDNETA	S OF Transfer Sea	about DED was Civita to	-4-
00000654 00000654	FF800000			750 SBFPNFIN 751	C X'FF800000' -inf	short BFP non-finite te	SUS
00000658 0000065C	C0000000 80000000			752 753	C X'C0000000' -2.0 C X'8000000' -0		
00000660 00000664	00000000 40000000			754 755	C X'00000000' +0 C X'40000000' +2.0		
00000668 0000066C	FFCB0000			756 757	C X'7F800000' +inf C X'FFCB0000' -QNaN		
00000670	/F8A0000	0000008	00000001	758 759 SBFPNFCT	C X'7F8A0000' +SNaN QU (*-SBFPNFIN)/4 Count of s	hort BFP in list	
				761 ******* 762 *	***********	********	***
					nput test data set. These are fi	nite triples intended to	

ASMA Ver.	0.2.1 bfp-0	21-multadd: Test	IEEE Multi	ply And Add
LOC	OBJECT CO	DE ADDR1	ADDR2	STMT
				819 * bits in the multiplier. We will add 0.5 to this product because 820 * that value will not cause renormalization. Renormalization would 821 * shift the rounding bits one to the right, messing up the expected 822 * rounding. 823 *
000006B0 000006B4 000006B8				824 DC X'3F80000C' Multiplicand 1.000001430511474609375 825 DC X'3F880000' Multiplier 1.0625 (1 + 1/16) 826 DC X'3F000000' Plus 0.5 827 *nearest is away from zero, incremented.
000006BC 000006C0 000006C4	3F880000	0000007	00000001	828 * 829 DC X'3F800007' Multiplicand 1.00000083446502685546875 830 DC X'3F880000' Multiplier 1.0625 (1 + 1/16) 831 DC X'3F000000' Plus 0.5 832 *nearest is toward zero, truncated 833 * 834 SBFPCT EQU (*-SBFPIN)/4/3 Count of short BFP in list
		0000007	9999991	834 SBFPCI EQU (*-SBFPIN)/4/3 COUNT OF SHOPE BFP IN 11St
				836 *******************
				837 * 838 * Third input test data set. These are finite triples intended to 839 * test all combinations of rounding mode for the product and the
				840 * remainder. Values are chosen to create a requirement to round 841 * to the target precision after the computation and to generate 842 * varying results depending on the rounding mode in the FPCR.
				843 * 844 * The result set will have cases that represent each of the following 845 *
				846 * 1. Positive, nearest magnitude is toward zero. 847 * 2. Negative, nearest magnitude is toward zero. 848 * 3. Positive, nearest magnitude is away from zero. 849 * 4. Negative, nearest magnitude is away from zero. 850 * 5. Positive, tie, nearest even has greater magnitude 851 * 6. Negative, tie, nearest even has greater magnitude 852 * 7. Positive, tie, nearest even has lower magnitude 853 * 8. Negative, tie, nearest even has lower magnitude
				854 * 855 * Round For Shorter precision correctness can be determined from the 856 * above test cases. 857 *
				858 ***********************************
000006C8				860 SBFPINRM DS OF Inputs for short BFP rounding testing 861 *
				862 * Multiply a value from 1.0 such that the added digits are to the right 863 * of the right-most bit in the stored significand. The result will be 864 * inexact, and incremented will be determined by the value of the 865 * bits in the multiplier.
000006C8 000006CC 000006D0	3F880000			866 * 867 DC X'3F800007' Multiplicand +1.00000083446502685546875 868 DC X'3F880000' Multiplier 1.0625 (1/16) 869 DC X'3F000000' Addend 0.5
000006D4 000006D8	BF800007			870 DC X'BF800007' Multiplicand -1.00000083446502685546875 871 DC X'3F880000' Multiplier 1.0625 (1/16)

ASMA Ver.	0.2.1 bfp-021-mul	tadd: Test	IEEE Multip	oly And Add			17 Aug 2022 12:26:10 Pag	ge 23
LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
000006DC	BF000000				DC est is	X'BF000000' toward zero,		
000006E0 000006E4	3F80000C 3F880000			874 * 875 876	DC DC	X'3F80000C' X'3F880000'	Multiplicand +1.000001430511474609375 Multiplier 1.0625 (1/16)	
000006E8 000006EC 000006F0	3F000000 BF80000C 3F880000			877 878 879	DC DC DC	X'3F000000' X'BF80000C' X'3F880000'	Multiplier 1.0625 (1/16)	
000006F4	BF000000			882 *			Addend -0.5 o, incremented.	
000006F8 000006FC 00000700	3F800008 3F880000 3F000000			883 884 885	DC DC DC	X'3F800008' X'3F880000' X'3F000000'	Multiplicand +1.000000476837158203125 Multiplier 1.0625 (1/16) Addend 0.5	
00000704 00000708 0000070C	BF800008 3F880000 BF000000			886 887 888	DC DC DC	X'BF800008' X'3F880000' X'BF000000'		
00000740	35000040			890 *		•	t even has lower magnitude	
00000710 00000714 00000718	3F800018 3F880000 3F000000			891 892 893	DC DC DC	X'3F800018' X'3F880000' X'3F000000'	Multiplicand +1.000002384185791015625 Multiplier 1.0625 (1/16) Addend 0.5	
0000071C 00000720 00000724	BF800018 3F880000 BF000000			894 895 896	DC DC DC	X'BF800018' X'3F880000' X'BF000000'	Multiplicand -1.000002384185791015625 Multiplier 1.0625 (1/16) Addend -0.5	
		00000008	00000001	898 *			t even has greater magnitude  /4/3 Count of short BFP rounding tests	

ASMA Ver.	0.2.1 bfp-021-mul	tadd: Test	IEEE Multi	ply And Add
LOC	OBJECT CODE	ADDR1	ADDR2	STMT
				901 ************************************
				903 * Long BFP test data sets for Multiply And Add testing.
				904 * 905 * The first test data set is used for tests of basic functionality,
				906 * NaN propagation, and results from operations involving other than 907 * finite numbers. 908 *
				909 * The second test data set is used for testing boundary conditions 910 * using two finite non-zero values. Each possible condition code 911 * and type of result (normal, scaled, etc) is created by members of
				912 * this test data set. 913 *
				914 * The third test data set is used for exhaustive testing of final
				915 * results across the five rounding modes available for the Add 916 * instruction. 917 *
				918 * See the Short BFP test cases header for a discussion of test case 919 * selection for rounding mode test case values.
				920 * 921 ************************************
				923 ************************************
				925 * First input test data set, to test operations using non-finite or 926 * zero inputs. Member values chosen to validate Figure 19-24 on page 927 * 19-39 of SA22-7832-10. Each value in this table is used as the 928 * multiplicand, multiplier, and addend. Eight entries menas 512 result
				929 * sets. 930 *
				931 ********************
00000728 00000728	FFF00000 00000000			933 LBFPNFIN DS 0F Inputs for long BFP testing 934 DC X'FFF0000000000000000000000000000000000
00000730				935 DC X'C00000000000000000' -2.0 936 DC X'800000000000000' -0
0000740	00000000 00000000			937 DC X'0000000000000000000' +0 938 DC X'400000000000000' +2.0
0000750	7FF00000 00000000			939 DC X'7FF0000000000000000' +inf
	FFF8B000 00000000 7FF0A000 00000000			940 DC X'FFF8B0000000000' -QNaN 941 DC X'7FF0A000000000' +SNaN
		8000000	00000001	942 LBFPNFCT EQU (*-LBFPNFIN)/8 Count of long BFP in list
				944 ********************
				945 * 946 * Second input test data set. These are finite triples intended to
				947 * trigger overflow, underflow, and inexact exceptions. Each triples is 948 * added twice, once non-trappable and once trappable. Trappable 949 * overflow or underflow yields a scaled result. Trappable inexact
				950 * will show whether the Incremented DXC code is returned. 951 *
				952 * The following test cases are required:

```
ASMA Ver. 0.2.1 bfp-021-multadd: Test IEEE Multiply And Add
                                                                                                                               25
                                                                                                 17 Aug 2022 12:26:10 Page
  LOC
            OBJECT CODE
                              ADDR1
                                       ADDR2
                                                STMT
                                                 953 * 1. Overflow
                                                 954 * 2. Underflow - normal inputs
                                                 955 * 3. Underflow - subnormal inputs
                                                 956 * 4. Normal - from subnormal inputs
957 * 5. Inexact - incremented
                                                 958 * 6. Inexact - truncated
                                                 959 *
                                                 960 **********************
00000768
                                                 962 LBFPIN
                                                              DS
                                                                                     Inputs for long BFP finite tests
                                                 963 *
                                                 964 * Overflow on multiplication two ways. Once on the muliplication step,
                                                 965 * and then a second time on the addition step.
                                                 966 *
00000768 7FEFFFFF FFFFFFF
                                                 967
                                                              DC
                                                                    X'7FEFFFFFFFFFFFF
                                                                                        +Nmax
00000770 FFEFFFFF FFFFFFF
                                                 968
                                                              DC
                                                                    X'FFEFFFFFFFFFFF'
                                                                                        -Nmax
00000778 3FF00000 00000000
                                                 969
                                                              DC
                                                                   X'3FF00000000000000'
                                                                                        +1.0
                                                 970 *
00000780 7FEFFFFF FFFFFFF
                                                 971
                                                              DC
                                                                   X'7FEFFFFFFFFFFF'
                                                                                        +Nmax
                                                 972
                                                              DC
                                                                                        +1.0
00000788 3FF00000 00000000
                                                                    X'3FF000000000000000'
00000790 7FEFFFFF FFFFFFF
                                                 973
                                                              DC
                                                                    X'7FEFFFFFFFFFFF'
                                                                                        +Nmax
                                                 974 *
                                                 975 * Underflow from product of normals. We will multiply a small normal
                                                 976 * by 0.25 to generate a subnormal. We cannot add another normal
                                                 977 * (positive or negative) and keep the result subnormal, so we will just
                                                 978 * add a subnormal.
                                                 979 *
00000798
         001FFFFF FFFFFFF
                                                 980
                                                              DC
                                                                    X'001FFFFFFFFFFF'
                                                                                        Very small normal number
                                                                                        0.25, creates subnormal
         3FD00000 00000000
                                                 981
                                                              DC
                                                                    X'3FD00000000000000'
000007A0
000007A8 00000000 00000001
                                                 982
                                                              DC
                                                                    X'00000000000000001'
                                                                                        +Dmin, will appear in result
                                                 983 *
                                                 984 * Underflow from the product of a subnormal and a normal.
                                                 985 *
000007B0 3FE00000 00000000
                                                 986
                                                              DC
                                                                    X'3FE00000000000000'
                                                                                        +0.5
987
                                                              DC
                                                                    X'000FFFFFFFFFFF'
                                                                                        +Dmax subnormal
000007C0 00000000 00000001
                                                 988
                                                              DC
                                                                    X'000000000000001' +Dmin, will appear in result
                                                 989 *
                                                 990 * We cannot generate a normal result from product of subnormals
                                                 991 * because the result will be smaller than both the multiplicand and the
                                                 992 * multiplier. So we'll try multiplying +Dmax by 2. The result should
                                                 993 * be +Nmin
                                                 994 *
995
                                                              DC
                                                                    X'000FFFFFFFFFFF'
                                                                                        +Dmax
                                                                                        +2.0, result should be normal
000007D0
         4000000 00000000
                                                 996
                                                              DC
                                                                    X'40000000000000000'
000007D8 00080000 00000000
                                                 997
                                                              DC
                                                                    X'0008000000000000'
                                                                                        A large subnormal
                                                 998 *
                                                 999 * Multiply a value from 1.0 such that the added digits are to the right
                                                1000 * of the right-most bit in the stored significand. The result will be
                                                1001 * inexact, and incremented will be determined by the value of the
                                                1002 * bits in the multiplier.
                                                1003 *
000007E0 3FF00000 0000000C
                                                1004
                                                                                        Multiplicand +1, aka 1.0b0
                                                              DC
                                                                    X'3FF0000000000000C'
                                                              DC
                                                                                        Multiplier 1.0625 (1/16)
000007E8 3FF10000 00000000
                                                1005
                                                                    X'3FF10000000000000'
                                                                   X'3FE0000000000000' +0.5
000007F0 3FE00000 00000000
                                                1006
                                                              DC
                                                1007 *..nearest is away from zero, incremented.
```

```
ASMA Ver. 0.2.1 bfp-021-multadd: Test IEEE Multiply And Add
                                                                                                  17 Aug 2022 12:26:10 Page
                                                                                                                                26
 LOC
            OBJECT CODE
                              ADDR1
                                        ADDR2
                                                 STMT
                                                 1008 *
000007F8 3FF00000 00000007
                                                 1009
                                                               DC
                                                                    X'3FF00000000000007'
                                                                                         Multiplicand +1, aka 1.0b0
00000800 3FF10000 00000000
                                                 1010
                                                               DC
                                                                    X'3FF10000000000000'
                                                                                         Multiplier 1.0625 (1/16)
00000808 3FE00000 00000000
                                                 1011
                                                               \mathsf{DC}
                                                                    X'3FE00000000000000'
                                                                                         +0.5
                                                 1012 *..nearest is toward zero, truncated.
                                                 1013 *
                             00000007 00000001 1014 LBFPCT
                                                                     (*-LBFPIN)/8/3
                                                                                     Count of long BFP triples in list
                                                               EOU
                                                 1017 *
                                                 1018 * Third input test data set. These are finite triples intended to
                                                 1019 * test all combinations of rounding mode for the product and the
                                                 1020 * remainder. Values are chosen to create a requirement to round
                                                 1021 * to the target precision after the computation and to generate
                                                 1022 * varying results depending on the rounding mode in the FPCR.
                                                 1023 *
                                                 1024 * The result set will have cases that represent each of the following
                                                 1025 *
                                                 1026 * 1. Positive, nearest magnitude is toward zero.
                                                 1027 * 2. Negative, nearest magnitude is toward zero.
                                                 1028 * 3. Positive, nearest magnitude is away from zero.
                                                 1029 * 4. Negative, nearest magnitude is away from zero.
                                                 1030 * 5. Positive, tie, nearest even has greater magnitude
                                                 1031 * 6. Negative, tie, nearest even has greater magnitude
                                                 1032 * 7. Positive, tie, nearest even has lower magnitude
                                                 1033 * 8. Negative, tie, nearest even has lower magnitude
                                                 1034 *
                                                 1035 * Round For Shorter precision correctness can be determined from the
                                                 1036 * above test cases.
                                                 1037 *
                                                 1038 *******
00000810
                                                 1040 LBFPINRM DS
                                                                     0F
                                                 1041 *
                                                 1042 * Multiply a value from 1.0 such that the added digits are to the right
                                                 1043 * of the right-most bit in the stored significand. The result will be
                                                 1044 * inexact, and incremented will be determined by the value of the
                                                 1045 * bits in the multiplier.
                                                 1046 *
                                                 1047
00000810 3FF00000 00000007
                                                               DC
                                                                     X'3FF00000000000007'
                                                                                         Multiplicand
00000818 3FF10000 00000000
                                                 1048
                                                               DC
                                                                    X'3FF10000000000000'
                                                                                         Multiplier 1.0625 (1/16)
         3FE00000 00000000
                                                               DC
00000820
                                                 1049
                                                                     X'3FE000000000000000'
                                                                                         +0.5
00000828
         BFF00000 00000007
                                                 1050
                                                               DC
                                                                    X'BFF00000000000007'
                                                                                         Multiplicand
00000830 3FF10000 00000000
                                                 1051
                                                               DC
                                                                    X'3FF10000000000000'
                                                                                         Multiplier 1.0625 (1/16)
00000838
         BFE00000 00000000
                                                 1052
                                                               DC
                                                                    X'BFE00000000000000'
                                                                                         -0.5
                                                 1053 *..nearest is toward zero, truncated.
                                                 1054 *
00000840
         3FF00000 0000000C
                                                 1055
                                                               DC
                                                                     X'3FF0000000000000C'
                                                                                          Multiplicand
                                                               DC
                                                                     X'3FF10000000000000'
00000848
         3FF10000 00000000
                                                 1056
                                                                                         Multiplier 1.0625 (1/16)
                                                               DC
00000850
         3FE00000 00000000
                                                 1057
                                                                    X'3FE000000000000000'
                                                                                         +0.5
                                                               DC
00000858
         BFF00000 0000000C
                                                 1058
                                                                     X'BFF000000000000C'
                                                                                         Multiplicand
                                                                                         Multiplier 1.0625 (1/16)
00000860 3FF10000 00000000
                                                 1059
                                                               DC
                                                                     X'3FF10000000000000'
00000868
         BFE00000 00000000
                                                 1060
                                                               DC
                                                                     X'BFE00000000000000'
```

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0012930	40000000 40000000				DC XL16'4000000040000004000000040000000'			
0012940	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+2.0/+inf'			
0012970	7F800000 7F800000			1457				
0012980	D4C1C5C2 D961D4C1			1458	· · · · · · · · · · · · · · · · · · ·			
00129B0	FFCB0000 FFCB0000				DC XL16'FFCB0000FFCB0000FFCB0000'			
00129C0 00129F0	D4C1C5C2 D961D4C1 7FCA0000 7F8A0000			1460	DC CL48'MAEBR/MAEB NF -0/+2.0/+SNaN' DC XL16'7FCA00007F8A00007FCA00007F8A0000'			
00129F0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+inf/-inf'			
0012A30	7FC00000 FF800000			1463				
0012A40	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+inf/-2.0'			
0012A70	7FC00000 C0000000				DC XL16'7FC00000C00000007FC00000C0000000'			
0012A80	D4C1C5C2 D961D4C1			1466	DC CL48'MAEBR/MAEB NF -0/+inf/-0'			
0012AB0	7FC00000 80000000				DC XL16'7FC00000800000007FC0000080000000'			
0012AC0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+inf/+0'			
0012AF0	7FC00000 00000000			1469				
0012B00	D4C1C5C2 D961D4C1			1470				
0012B30	7FC00000 40000000				DC XL16'7FC00000400000007FC0000040000000'			
00012B40 00012B70	D4C1C5C2 D961D4C1 7FC00000 7F800000				DC CL48'MAEBR/MAEB NF -0/+inf/+inf' DC XL16'7FC000007F8000007FC000007F800000'			
0012B70	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+inf/-QNaN'			
0012BB0	7FC00000 FFCB0000				DC XL16'7FC00000FFCB00007FC00000FFCB0000'			
0012BC0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+inf/+SNaN'			
0012BF0	7FC00000 7F8A0000			1477				
0012C00	D4C1C5C2 D961D4C1			1478				
0012C30	FFCB0000 FFCB0000			1479	DC XL16'FFCB0000FFCB0000FFCB0000F			
0012C40	D4C1C5C2 D961D4C1			1480	• • • • • • • • • • • • • • • • • • • •			
0012C70	FFCB0000 FFCB0000				DC XL16'FFCB0000FFCB0000FFCB0000'			
0012C80	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/-QNaN/-0'			
00012CB0	FFCB0000 FFCB0000			1483				
00012CC0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/-QNaN/+0'			
0012CF0	FFCB0000 FFCB0000 D4C1C5C2 D961D4C1				DC XL16'FFCB0000FFCB0000FFCB0000' DC CL48'MAEBR/MAEB NF -0/-QNaN/+2.0'			
	FFCB0000 FFCB0000				DC XL16'FFCB0000FFCB0000FFCB0000FFCB0000'			
0012D30	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/-QNaN/+inf'			
0012D70	FFCB0000 FFCB0000				DC XL16'FFCB0000FFCB0000FFCB0000F			
0012D80	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/-QNaN/-QNaN'			
	FFCB0000 FFCB0000				DC XL16'FFCB0000FFCB0000FFCB0000F			
0012DC0	D4C1C5C2 D961D4C1			1492	DC CL48'MAEBR/MAEB NF -0/-QNaN/+SNaN'			
	7FCA0000 7F8A0000				DC XL16'7FCA00007F8A00007FCA00007F8A0000'			
0012E00	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+SNaN/-inf'			
	7FCA0000 FF800000				DC XL16'7FCA0000FF8000007FCA0000FF800000'			
0012E40	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+SNaN/-2.0'			
	7FCA0000 C0000000				DC XL16'7FCA0000C00000007FCA0000C0000000'			
0012E80	D4C1C5C2 D961D4C1 7FCA0000 80000000				DC CL48'MAEBR/MAEB NF -0/+SNaN/-0' DC XL16'7FCA000080000007FCA000080000000'			
0012EB0 0012EC0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+SNaN/+0'			
	7FCA0000 00000000				DC XL16'7FCA000000000007FCA000000000000000			
0012F00	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+SNaN/+2.0'			
	7FCA0000 40000000				DC XL16'7FCA000040000007FCA000040000000'			
0012F40	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+SNaN/+inf'			
	7FCA0000 7F800000				DC XL16'7FCA00007F8000007FCA00007F800000'			
0012F80	D4C1C5C2 D961D4C1			1506	DC CL48'MAEBR/MAEB NF -0/+SNaN/-QNaN'			
	7FCA0000 FFCB0000			1507	DC XL16'7FCA0000FFCB00007FCA0000FFCB0000'			
0012FC0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -0/+SNaN/+SNaN'			
	7FCA0000 7F8A0000				DC XL16'7FCA00007F8A00007FCA00007F8A0000'			
0013000	D4C1C5C2 D961D4C1			1510	DC CL48'MAEBR/MAEB NF +0/-inf/-inf'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
00013030	7FC00000 FF800000			1511	DC XL16'7FC00000FF8000007FC00000FF800000'			
0013040	D4C1C5C2 D961D4C1			1512	DC CL48'MAEBR/MAEB NF +0/-inf/-2.0'			
0013070	7FC00000 C0000000			1513				
00013080	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-inf/-0'			
00130B0	7FC00000 80000000			1515				
00130C0	D4C1C5C2 D961D4C1			1516				
00130F0	7FC00000 00000000			1517				
0013100	D4C1C5C2 D961D4C1 7FC00000 40000000			1518 1519				
0013130	D4C1C5C2 D961D4C1			1520				
0013140	7FC00000 7F800000			1521				
0013170	D4C1C5C2 D961D4C1			1522				
00131B0	7FC00000 FFCB0000			1523				
000131C0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-inf/+SNaN'			
00131F0	7FC00000 7F8A0000			1525				
00013200	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-2.0/-inf'			
0013230	FF800000 FF800000			1527				
00013240	D4C1C5C2 D961D4C1			1528				
0013270	C0000000 C0000000			1529				
0013280	D4C1C5C2 D961D4C1			1530				
00132B0	80000000 80000000			1531 1532				
00132C0 00132F0	D4C1C5C2 D961D4C1 00000000 00000000			1532				
0013270	D4C1C5C2 D961D4C1			1534				
0013330	40000000 40000000			1535	· · · · · · · · · · · · · · · · · · ·			
0013340	D4C1C5C2 D961D4C1			1536				
0013370	7F800000 7F800000			1537				
00013380	D4C1C5C2 D961D4C1			1538				
000133B0	FFCB0000 FFCB0000			1539	DC XL16'FFCB0000FFCB0000FFCB0000'			
000133C0	D4C1C5C2 D961D4C1			1540	· · · · · · · · · · · · · · · · · · ·			
00133F0	7FCA0000 7F8A0000			1541				
00013400	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-0/-inf'			
0013430	FF800000 FF800000				DC XL16'FF800000FF800000FF800000'			
00013440 00013470	D4C1C5C2 D961D4C1 C0000000 C0000000				DC CL48'MAEBR/MAEB NF +0/-0/-2.0' DC XL16'C0000000C0000000C00000000000000000000			
0013470	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-0/-0'			
0013480 00134B0	80000000 80000000				DC XL16'80000008000000800000080000000'			
00134C0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-0/+0'			
00134F0	0000000 00000000				DC XL16'00000000000000000000000000000000000			
0013500	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-0/+2.0'			
0013530	40000000 40000000			1551	DC XL16'40000000400000040000000400000000'			
0013540	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-0/+inf'			
0013570	7F800000 7F800000				DC XL16'7F8000007F8000007F8000000'			
0013580	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-0/-QNaN'			
00135B0	FFCB0000 FFCB0000				DC XL16'FFCB0000FFCB0000FFCB0000'			
00135C0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/-0/+SNaN'			
00135F0 0013600	7FCA0000 7F8A0000 D4C1C5C2 D961D4C1				DC XL16'7FCA00007F8A00007FCA00007F8A0000' DC CL48'MAEBR/MAEB NF +0/+0/-inf'			
0013630	FF800000 FF800000				DC XL16'FF800000FF800000FF800000FF800000'			
0013640	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/+0/-2.0'			
0013670	C0000000 C0000000				DC XL16'C000000C0000000C0000000C00000000'			
0013680	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/+0/-0'			
00136B0	00000000 00000000				DC XL16'00000000000000000000000000000000000			
00136C0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/+0/+0'			
00136F0	0000000 0000000				DC XL16'00000000000000000000000000000000000			
0013700	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +0/+0/+2.0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
	7FCA0000 40000000				DC XL16'7FCA0000400000007FCA000040000000'			
0016F40	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -QNaN/+SNaN/+inf'			
0016F70	7FCA0000 7F800000			2017				
0016F80	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF -QNaN/+SNaN/-QNaN'			
0016FB0	7FCA0000 FFCB0000				DC XL16'7FCA0000FFCB00007FCA0000FFCB0000'			
0016FC0 0016FF0	D4C1C5C2 D961D4C1 7FCA0000 7F8A0000			2020	DC CL48'MAEBR/MAEB NF -QNaN/+SNaN/+SNaN' DC XL16'7FCA00007F8A00007FCA00007F8A0000'			
0017000	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-inf/-inf'			
	7FCA0000 FF800000				DC XL16'7FCA0000FF8000007FCA0000FF800000'			
0017040	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-inf/-2.0'			
	7FCA0000 C0000000				DC XL16'7FCA0000C00000007FCA0000C0000000'			
00017080	D4C1C5C2 D961D4C1			2026	DC CL48'MAEBR/MAEB NF +SNaN/-inf/-0'			
	7FCA0000 80000000				DC XL16'7FCA0000800000007FCA000080000000'			
000170C0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-inf/+0'			
	7FCA0000 00000000			2029				
00017100	D4C1C5C2 D961D4C1			2030				
0017130	7FCA0000 40000000				DC XL16'7FCA000040000007FCA000040000000'			
0017140	D4C1C5C2 D961D4C1 7FCA0000 7F800000				<pre>DC CL48'MAEBR/MAEB NF +SNaN/-inf/+inf' DC XL16'7FCA00007F8000007FCA00007F800000'</pre>			
0017170	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-inf/-QNaN'			
	7FCA0000 FFCB0000				DC XL16'7FCA0000FFCB00007FCA0000FFCB0000'			
00171C0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-inf/+SNaN'			
				2037				
0017200	D4C1C5C2 D961D4C1			2038				
0017230	7FCA0000 FF800000			2039	DC XL16'7FCA0000FF8000007FCA0000FF800000'			
00017240	D4C1C5C2 D961D4C1			2040	·			
	7FCA0000 C0000000				DC XL16'7FCA0000C00000007FCA0000C0000000'			
00017280	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-2.0/-0'			
000172B0	7FCA0000 80000000			2043				
001720	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-2.0/+0'			
000172F0	7FCA0000 00000000 D4C1C5C2 D961D4C1				DC XL16'7FCA0000000000007FCA000000000000' DC CL48'MAEBR/MAEB NF +SNaN/-2.0/+2.0'			
	7FCA0000 40000000				DC XL16'7FCA000040000007FCA00004000000'			
0017340	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-2.0/+inf'			
	7FCA0000 7F800000				DC XL16'7FCA00007F8000007FCA00007F800000'			
00017380	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-2.0/-QNaN'			
00173B0	7FCA0000 FFCB0000				DC XL16'7FCA0000FFCB00007FCA0000FFCB0000'			
000173C0	D4C1C5C2 D961D4C1			2052	DC CL48'MAEBR/MAEB NF +SNaN/-2.0/+SNaN'			
	7FCA0000 7F8A0000				DC XL16'7FCA00007F8A00007FCA00007F8A0000'			
0017400	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-0/-inf'			
	7FCA0000 FF800000				DC XL16'7FCA0000FF8000007FCA0000FF800000'			
0017440	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-0/-2.0'			
0017470	7FCA0000 C0000000 D4C1C5C2 D961D4C1				DC XL16'7FCA0000C00000007FCA0000C0000000' DC CL48'MAEBR/MAEB NF +SNaN/-0/-0'			
	7FCA0000 80000000				DC XL16'7FCA000800000007FCA000080000000'			
0017400 00174C0	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-0/+0'			
	7FCA0000 00000000				DC XL16'7FCA000000000007FCA000000000000			
0017500	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-0/+2.0'			
	7FCA0000 40000000				DC XL16'7FCA000040000007FCA000040000000'			
00017540	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-0/+inf'			
	7FCA0000 7F800000				DC XL16'7FCA00007F8000007FCA00007F800000'			
00017580	D4C1C5C2 D961D4C1				DC CL48'MAEBR/MAEB NF +SNaN/-0/-QNaN'			
	7FCA0000 FFCB0000				DC XL16'7FCA0000FFCB00007FCA0000FFCB0000'			
00175C0	D4C1C5C2 D961D4C1 7FCA0000 7F8A0000				DC CL48'MAEBR/MAEB NF +SNaN/-0/+SNaN' DC XL16'7FCA00007F8A00007FCA00007F8A0000'			
0017550								

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
0017D30	7FCA0000 40000000			2127 DC XL16'7FCA000040000007FCA000040000000'			
0017D40				2128 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/+inf'			
0017D70				2129 DC XL16'7FCA00007F8000007FCA00007F800000'			
0017D80				2130 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/-QNaN'			
	7FCA0000 FFCB0000 D4C1C5C2 D961D4C1			2131 DC XL16'7FCA0000FFCB00007FCA0000FFCB0000' 2132 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/+SNaN'			
	7FCA0000 7F8A0000			2133 DC XL16'7FCA00007F8A00007FCA00007F8A0000'			
	D4C1C5C2 D961D4C1			2134 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/-inf'			
	7FCA0000 FF800000			2135 DC XL16'7FCA0000FF8000007FCA0000FF800000'			
				2136 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/-2.0'			
0017E70	7FCA0000 C0000000			2137 DC XL16'7FCA0000C00000007FCA0000C0000000'			
	D4C1C5C2 D961D4C1			2138 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/-0'			
	7FCA0000 80000000			2139 DC XL16'7FCA000080000007FCA000080000000'			
	D4C1C5C2 D961D4C1			2140 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/+0'			
	7FCA0000 00000000			2141 DC XL16'7FCA000000000007FCA00000000000'			
	D4C1C5C2 D961D4C1 7FCA0000 40000000			2142 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/+2.0' 2143 DC XL16'7FCA000040000007FCA00004000000'			
	D4C1C5C2 D961D4C1			2144 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/+inf'			
	7FCA0000 7F800000			2145 DC XL16'7FCA00007F8000007FCA00007F800000'			
	D4C1C5C2 D961D4C1			2146 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/-QNaN'			
	7FCA0000 FFCB0000			2147 DC XL16'7FCA0000FFCB00007FCA0000FFCB0000'			
	D4C1C5C2 D961D4C1			2148 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/+SNaN'			
0017FF0	7FCA0000 7F8A0000			2149 DC XL16'7FCA00007F8A00007FCA00007F8A0000'			
		00000200	00000001	2150 SBFPNFOT_NUM EQU (*-SBFPNFOT_GOOD)/64			
				2151 *			
		00010000	0000001	2152 *	ACERD (MCED NE		
0018000	D4C1C5C2 D961D4C1	00018000	00000001	2153 SBFPNFFL_GOOD EQU * M 2154 DC CL48'MAEBR/MAEB NF -inf/-inf/-inf FPCR'	ISEBR/MSEB NF		
0018030	00800000 F8008000			2155 DC XL16'00800000F800800000800000F8008000'			
0018040				2156 DC CL48'MAEBR/MAEB NF -inf/-inf/-2.0 FPCR'			
0018070				2157 DC XL16'00000000F80000000000000F8000000'			
0018080				2158 DC CL48'MAEBR/MAEB NF -inf/-inf/-0 FPCR'			
00180B0	00000000 F8000000			2159 DC XL16'00000000F800000000000000F8000000'			
00180C0				2160 DC CL48'MAEBR/MAEB NF -inf/-inf/+0 FPCR'			
00180F0				2161 DC XL16'00000000F80000000000000F8000000'			
	D4C1C5C2 D961D4C1			2162 DC CL48'MAEBR/MAEB NF -inf/-inf/+2.0 FPCR'			
0018130				2163 DC XL16'00000000F8000000000000F8000000'			
0018140	D4C1C5C2 D961D4C1 00000000 F8000000			2164 DC CL48'MAEBR/MAEB NF -inf/-inf/+inf FPCR' 2165 DC XL16'00000000F80000000000000F8000000'			
0018170				2166 DC CL48'MAEBR/MAEB NF -inf/-inf/-QNaN FPCR'			
0018180				2167 DC XL16'00000000F8000000000000F8000000'			
	D4C1C5C2 D961D4C1			2168 DC CL48'MAEBR/MAEB NF -inf/-inf/+SNaN FPCR'			
	00800000 F8008000			2169 DC XL16'00800000F800800000800000F8008000'			
0018200	D4C1C5C2 D961D4C1			2170 DC CL48'MAEBR/MAEB NF -inf/-2.0/-inf FPCR'			
0018230				2171 DC XL16'00800000F800800000800000F8008000'			
	D4C1C5C2 D961D4C1			2172 DC CL48'MAEBR/MAEB NF -inf/-2.0/-2.0 FPCR'			
0018270				2173 DC XL16'00000000F80000000000000F8000000'			
	D4C1C5C2 D961D4C1			2174 DC CL48'MAEBR/MAEB NF -inf/-2.0/-0 FPCR'			
00182B0				2175 DC XL16'00000000F80000000000000F8000000'			
00182C0 00182F0	D4C1C5C2 D961D4C1 00000000 F8000000			2176 DC CL48'MAEBR/MAEB NF -inf/-2.0/+0 FPCR'			
00182F0 0018300				2177 DC XL16'00000000F800000000000000F8000000' 2178 DC CL48'MAEBR/MAEB NF -inf/-2.0/+2.0 FPCR'			
0018330				2179 DC XL16'00000000F8000000000000F8000000'			
	D4C1C5C2 D961D4C1			2180 DC CL48'MAEBR/MAEB NF -inf/-2.0/+inf FPCR'			
0018340							
	00000000 F8000000			2181 DC XL16'00000000F800000000000000F8000000'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
001FAB0	00800000 F8008000			3135 DC XL16'00800000F800800000800000F8008000'			
001FAC0	D4C1C5C2 D961D4C1			3136 DC CL48'MAEBR/MAEB NF +SNaN/+inf/+0 FPCR'			
001FAF0	00800000 F8008000			3137 DC XL16'00800000F800800000800000F8008000'			
001FB00	D4C1C5C2 D961D4C1			3138 DC CL48'MAEBR/MAEB NF +SNaN/+inf/+2.0 FPCR'			
001FB30	00800000 F8008000			3139 DC XL16'00800000F800800000800000F8008000'			
001FB40	D4C1C5C2 D961D4C1			3140 DC CL48'MAEBR/MAEB NF +SNaN/+inf/+inf FPCR'			
001FB70	00800000 F8008000			3141 DC XL16'00800000F800800000800000F8008000'			
001FB80	D4C1C5C2 D961D4C1			3142 DC CL48'MAEBR/MAEB NF +SNaN/+inf/-QNaN FPCR'			
001FBB0	00800000 F8008000			3143 DC XL16'00800000F800800000800000F8008000'			
001FBC0	D4C1C5C2 D961D4C1			3144 DC CL48'MAEBR/MAEB NF +SNaN/+inf/+SNaN FPCR'			
001FBF0	00800000 F8008000			3145 DC XL16'00800000F800800000800000F8008000'			
001FC00	D4C1C5C2 D961D4C1			3146 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/-inf FPCR'			
0001FC30	00800000 F8008000			3147 DC XL16'00800000F800800000800000F8008000'			
0001FC40	D4C1C5C2 D961D4C1			3148 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/-2.0 FPCR'			
0001FC70	00800000 F8008000			3149 DC XL16'00800000F800800000800000F8008000'			
0001FC80	D4C1C5C2 D961D4C1			3150 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/-0 FPCR'			
0001FCB0	00800000 F8008000			3151 DC XL16'00800000F800800000800000F8008000'			
0001FCC0	D4C1C5C2 D961D4C1			3152 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/+0 FPCR'			
0001FCF0	00800000 F8008000			3153 DC XL16'00800000F800800000800000F8008000'			
0001FD00	D4C1C5C2 D961D4C1			3154 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/+2.0 FPCR'			
0001FD30	00800000 F8008000			3155 DC XL16'00800000F800800000800000F8008000'	ı		
001FD40	D4C1C5C2 D961D4C1			3156 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/+inf FPCR'			
0001FD70 0001FD80	00800000 F8008000 D4C1C5C2 D961D4C1			3157 DC XL16'00800000F800800000800000F8008000' 3158 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/-QNaN FPCR	, '		
0001FD80	00800000 F8008000			3159 DC XL16'00800000F800800000800000F8008000'	·		
0001FDB0	D4C1C5C2 D961D4C1			3160 DC CL48'MAEBR/MAEB NF +SNaN/-QNaN/+SNaN FPCR	, '		
0001FDF0	00800000 F8008000			3161 DC XL16'00800000F800800000800000F8008000'	•		
0001FE00	D4C1C5C2 D961D4C1			3162 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/-inf FPCR'	1		
0001FE30	00800000 F8008000			3163 DC XL16'00800000F800800000800000F8008000'			
0001FE40	D4C1C5C2 D961D4C1			3164 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/-2.0 FPCR'			
0001FE70	00800000 F8008000			3165 DC XL16'00800000F800800000800000F8008000'			
0001FE80	D4C1C5C2 D961D4C1			3166 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/-0 FPCR'			
0001FEB0	00800000 F8008000			3167 DC XL16'00800000F800800000800000F8008000'			
0001FEC0	D4C1C5C2 D961D4C1			3168 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/+0 FPCR'			
0001FEF0	00800000 F8008000			3169 DC XL16'00800000F800800000800000F8008000'			
0001FF00	D4C1C5C2 D961D4C1			3170 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/+2.0 FPCR'			
0001FF30	00800000 F8008000			3171 DC XL16'00800000F800800000800000F8008000'			
0001FF40	D4C1C5C2 D961D4C1			3172 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/+inf FPCR'			
0001FF70	00800000 F8008000			3173 DC XL16'00800000F800800000800000F8008000'			
0001FF80	D4C1C5C2 D961D4C1			3174 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/-QNaN FPCR	<b>ť</b> '		
0001FFB0	00800000 F8008000			3175 DC XL16'00800000F800800000800000F8008000'			
0001FFC0	D4C1C5C2 D961D4C1			3176 DC CL48'MAEBR/MAEB NF +SNaN/+SNaN/+SNaN FPCR	('		
0001FFF0	00800000 F8008000			3177 DC XL16'00800000F800800000800000F8008000'			
		00000200	00000001	3178 SBFPNFFL_NUM EQU (*-SBFPNFFL_GOOD)/64			
				3179 *			
				3180 *			
		00020000	00000001	3181 SBFPOUT_GOOD EQU *			
0020000	D4C1C5C2 D961D4C1			3182 DC CL48'MAEBR/MAEB F Ovfl 1'			
00020030	FF800000 DF7FFFE			3183 DC XL16'FF800000DF7FFFFEF800000DF7FFFFE'			
00020040	D4C1C5C2 D961D4C1			3184 DC CL48'MAEBR/MAEB F Ovfl 2'			
00020070	7F800000 1FFFFFF			3185 DC XL16'7F8000001FFFFFFF7F8000001FFFFFFF'			
00020080	D4C1C5C2 D961D4C1			3186 DC CL48'MAEBR/MAEB F Ufl 1'			
000200В0	00400001 60000002			3187 DC XL16'00400001600000020040000160000002'			
000200C0	D4C1C5C2 D961D4C1			3188 DC CL48'MAEBR/MAEB F Ufl 2'			
000200F0	00400000 60000001			3189 DC XL16'00400000600000010040000060000001'			
0020100	D4C1C5C2 D961D4C1			3190 DC CL48'MAEBR/MAEB F Nmin'			

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	011FFFFF 011FFFFF			3191 DC XL16'011FFFFF011FFFFF011FFFFF'			
00020140	D4C1C5C2 D961D4C1			3192 DC CL48'MAEBR/MAEB F Incr'			
	3FC8000D 3FC8000D			3193 DC XL16'3FC8000D3FC8000D3FC8000D3			
	D4C1C5C2 D961D4C1			3194 DC CL48'MAEBR/MAEB F Trun'			
000201B0	3FC80007 3FC80007			3195 DC XL16'3FC800073FC800073FC800073FC80007'			
		00000007	00000001	3196 SBFPOUT_NUM EQU (*-SBFPOUT_GOOD)/64			
				3197 *			
		000201C0	00000001	3198 * 3199 SBFPFLGS GOOD EQU *			
000201C0	D4C1C5C2 D961D4C1	00020100	0000001	3200 DC CL48 MAEBR/MAEB F Ovfl 1 FPCR'			
				3201 DC XL16'00280000F800280000280000F8002800'			
	D4C1C5C2 D961D4C1			3202 DC CL48'MAEBR/MAEB F Ovfl 2 FPCR'			
	00280000 F8002000			3203 DC XL16'00280000F800200000280000F8002000'			
	D4C1C5C2 D961D4C1			3204 DC CL48'MAEBR/MAEB F Ufl 1 FPCR'			
0020270	00180000 F8001C00			3205 DC XL16'00180000F8001C0000180000F8001C00'			
	D4C1C5C2 D961D4C1			3206 DC CL48'MAEBR/MAEB F Ufl 2 FPCR'			
				3207 DC XL16'00180000F800100000180000F8001000'			
	D4C1C5C2 D961D4C1			3208 DC CL48'MAEBR/MAEB F Nmin FPCR'			
	00000000 F8000000			3209 DC XL16'00000000F80000000000000F8000000'			
	D4C1C5C2 D961D4C1			3210 DC CL48'MAEBR/MAEB F Incr FPCR'			
	00080000 F8000C00			3211 DC XL16'00080000F8000C0000080000F8000C00'			
	D4C1C5C2 D961D4C1 0008000 F8000800			3212 DC CL48'MAEBR/MAEB F Trun FPCR' 3213 DC XL16'00080000F800080000080000F8000800'			
00020370	00080000 F8000800	00000007	00000001	3214 SBFPFLGS NUM EQU (*-SBFPFLGS GOOD)/64			
		00000007	0000001	3214 35171 Ed3_Non EQ0 (*-35171 Ed3_d00b)/04			
				3216 *			
		00020380	00000001	3217 SBFPRMO GOOD EQU *			
ð0020380	D4C1C5C2 D961D4C1			3218 DC CL48'MAEBR/MAEB RM +NZ RNTE, RZ'			
				3219 DC XL16'3FC800073FC800073FC800073FC80007'			
	D4C1C5C2 D961D4C1			3220 DC CL48'MAEBR/MAEB RM +NZ RP, RM'			
	3FC80008 3FC80008			3221 DC XL16'3FC800083FC800083FC800073FC80007'			
	D4C1C5C2 D961D4C1			3222 DC CL48'MAEBR/MAEB RM +NZ RFS'			
	3FC80007 3FC80007 D4C1C5C2 D961D4C1			3223 DC XL16'3FC800073FC80007000000000000000000000000000000000			
				3224 DC CL48'MAEBR/MAEB RM -NZ RNTE, RZ' 3225 DC XL16'BFC80007BFC80007BFC80007'			
	D4C1C5C2 D961D4C1			3226 DC CL48'MAEBR/MAEB RM -NZ RP, RM'			
0020480 00204B0				3227 DC XL16'BFC80007BFC80007BFC80008BFC80008'			
	D4C1C5C2 D961D4C1			3228 DC CL48'MAEBR/MAEB RM -NZ RFS'			
	BFC80007 BFC80007			3229 DC XL16'BFC80007BFC80007000000000000000000000000000000000			
	D4C1C5C2 D961D4C1			3230 DC CL48'MAEBR/MAEB RM +NA RNTE, RZ'			
	3FC8000D 3FC8000D			3231 DC XL16'3FC8000D3FC8000D3FC8000C3FC8000C'			
	D4C1C5C2 D961D4C1			3232 DC CL48'MAEBR/MAEB RM +NA RP, RM'			
	3FC8000D 3FC8000D			3233 DC XL16'3FC8000D3FC8000D3FC8000C3FC8000C'			
	D4C1C5C2 D961D4C1			3234 DC CL48'MAEBR/MAEB RM +NA RFS'			
	3FC8000D 3FC8000D			3235 DC XL16'3FC8000D3FC8000D000000000000000000000000000000000			
	D4C1C5C2 D961D4C1			3236 DC CL48'MAEBR/MAEB RM -NA RNTE, RZ'			
	BFC8000D BFC8000D D4C1C5C2 D961D4C1			3237 DC XL16'BFC8000DBFC8000DBFC8000CBFC8000C' 3238 DC CL48'MAEBR/MAEB RM -NA RP, RM'			
	BFC8000C BFC8000C			3239 DC XL16'BFC8000CBFC8000CBFC8000DBFC8000D'			
	D4C1C5C2 D961D4C1			3240 DC CL48'MAEBR/MAEB RM -NA RFS'			
	BFC8000D BFC8000D			3241 DC XL16'BFC8000DBFC8000D000000000000000000000000000000000			
	D4C1C5C2 D961D4C1			3242 DC CL48'MAEBR/MAEB RM +TZ RNTE, RZ'			
	3FC80008 3FC80008			3243 DC XL16'3FC800083FC800083FC800083FC80008'			
	D4C1C5C2 D961D4C1			3244 DC CL48'MAEBR/MAEB RM +TZ RP, RM'			
900206C0							
	3FC80009 3FC80009			3245 DC XL16'3FC800093FC800093FC800083FC80008'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00020730	3FC80009 3FC80009			3247 DC XL16'3FC800093FC800090000000000000000000000			
00020740				3248 DC CL48 MAEBR/MAEB RM -TZ RNTE, RZ'			
00020770				3249 DC XL16'BFC80008BFC80008BFC80008'			
	D4C1C5C2 D961D4C1			3250 DC CL48'MAEBR/MAEB RM -TZ RP, RM'			
000207B0	BFC80008 BFC80008 D4C1C5C2 D961D4C1			3251 DC XL16'BFC80008BFC80008BFC80009BFC80009'			
000207C0 000207F0	BFC80009 BFC80009			3252 DC CL48'MAEBR/MAEB RM -TZ RFS' 3253 DC XL16'BFC80009BFC80009000000000000000000000000000000000			
	D4C1C5C2 D961D4C1			3254 DC CL48'MAEBR/MAEB RM +TA RNTE, RZ'			
00020830				3255 DC XL16'3FC8001A3FC8001A3FC800193FC80019'			
	D4C1C5C2 D961D4C1			3256 DC CL48'MAEBR/MAEB RM +TA RP, RM'			
00020870				3257 DC XL16'3FC8001A3FC8001A3FC800193FC80019'			
00020880	D4C1C5C2 D961D4C1			3258 DC CL48'MAEBR/MAEB RM +TA RFS'			
	3FC80019 3FC80019			3259 DC XL16'3FC800193FC80019000000000000000000000			
	D4C1C5C2 D961D4C1			3260 DC CL48'MAEBR/MAEB RM -TA RNTE, RZ'			
000208F0				3261 DC XL16'BFC8001ABFC8001ABFC80019BFC80019'			
	D4C1C5C2 D961D4C1			3262 DC CL48'MAEBR/MAEB RM -TA RP, RM'			
00020930				3263 DC XL16'BFC80019BFC80019BFC8001ABFC8001A'			
00020940	D4C1C5C2 D961D4C1 BFC80019 BFC80019			3264 DC CL48'MAEBR/MAEB RM -TA RFS' 3265 DC XL16'BFC80019BFC800190000000000000000000000000000000000			
00020370	DI C80019 DI C80019	00000018	00000001	3266 SBFPRMO NUM EQU (*-SBFPRMO GOOD)/64			
		00000010	0000001	3267 *			
				3268 *			
		00020980	00000001	3269 SBFPRMOF GOOD EQU *			
00020980	D4C1C5C2 D961D4C1			3270 DC CL48 MAEBR/MAEB RM +NZ RNTE, RZ FPCR'			
000209B0	00080000 00080000			3271 DC XL16'0008000000080000008000100080001'			
000209C0	D4C1C5C2 D961D4C1			3272 DC CL48'MAEBR/MAEB RM +NZ RP, RM FPCR'			
000209F0				3273 DC XL16'00080002000800020008000300080003'			
				3274 DC CL48'MAEBR/MAEB RM +NZ RFS FPCR'			
00020A30 00020A40				3275 DC XL16'00080007000800070000000000000000000000			
00020A40				3277 DC XL16'000800000080000008000100080001'			
	D4C1C5C2 D961D4C1			3278 DC CL48'MAEBR/MAEB RM -NZ RP, RM FPCR'			
	00080002 00080002			3279 DC XL16'00080002000800020008000300080003'			
	D4C1C5C2 D961D4C1			3280 DC CL48'MAEBR/MAEB RM -NZ RFS FPCR'			
00020AF0	00080007 00080007			3281 DC XL16'0008000700080007000000000000000000000			
00020B00	D4C1C5C2 D961D4C1			3282 DC CL48'MAEBR/MAEB RM +NA RNTE, RZ FPCR'			
00020B30				3283 DC XL16'0008000000080000008000100080001'			
	D4C1C5C2 D961D4C1			3284 DC CL48'MAEBR/MAEB RM +NA RP, RM FPCR'			
	00080002 00080002			3285 DC XL16'00080002000800020008000300080003'			
	D4C1C5C2 D961D4C1			3286 DC CL48'MAEBR/MAEB RM +NA RFS FPCR' 3287 DC XL16'00080007000800070000000000000000000000			
	00080007 00080007 D4C1C5C2 D961D4C1			3287 DC XL16'00080007000800070000000000000000000000			
00020BF0				3289 DC XL16'000800000080000008000100080001'			
	D4C1C5C2 D961D4C1			3290 DC CL48'MAEBR/MAEB RM -NA RP, RM FPCR'			
	00080002 00080002			3291 DC XL16'00080002000800020008000300080003'			
	D4C1C5C2 D961D4C1			3292 DC CL48'MAEBR/MAEB RM -NA RFS FPCR'			
00020C70	00080007 00080007			3293 DC XL16'0008000700080007000000000000000000000			
	D4C1C5C2 D961D4C1			3294 DC CL48'MAEBR/MAEB RM +TZ RNTE, RZ FPCR'			
00020CB0				3295 DC XL16'0008000000080000008000100080001'			
	D4C1C5C2 D961D4C1			3296 DC CL48'MAEBR/MAEB RM +TZ RP, RM FPCR'			
00020CF0				3297 DC XL16'00080002000800020008000300080003'			
	D4C1C5C2 D961D4C1			3298 DC CL48'MAEBR/MAEB RM +TZ RFS FPCR'			
	00080007 00080007 D4C1C5C2 D961D4C1			3299 DC XL16'00080007000800070000000000000000000000			
	00080000 00080000			3300 DC CL48'MAEBR/MAEB RM -TZ RNTE, RZ FPCR' 3301 DC XL16'00080000000800000080001			
	D4C1C5C2 D961D4C1			3302 DC CL48'MAEBR/MAEB RM -TZ RP, RM FPCR'			
ายยนยยยย	DACICSCZ DS0ID4CI			3302 DC CL40 MAEDK/MAED KM -12 KP, KM FPCK			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
00020DB0	00080002 00080002			3303 DC XL16'00080002000800020008000300080003			
00020DC0	D4C1C5C2 D961D4C1			3304 DC CL48'MAEBR/MAEB RM -TZ RFS FPCR'			
00020DF0	00080007 00080007			3305 DC XL16'00080007000800070000000000000000000000			
	D4C1C5C2 D961D4C1			3306 DC CL48'MAEBR/MAEB RM +TA RNTE, RZ FPCR'			
00020E30				3307 DC XL16'0008000000080000008000100080001'			
00020E40				3308 DC CL48'MAEBR/MAEB RM +TA RP, RM FPCR'			
00020E70	00080002 00080002			3309 DC XL16'00080002000800020008000300080003'			
00020E80	D4C1C5C2 D961D4C1			3310 DC CL48'MAEBR/MAEB RM +TA RFS FPCR'			
00020EB0	00080007 00080007 D4C1C5C2 D961D4C1			3311 DC XL16'00080007000800070000000000000000000000			
00020EF0				3312 DC CL48'MAEBR/MAEB RM -TA RNTE, RZ FPCR' 3313 DC XL16'0008000000080000008000100080001'	ı		
	D4C1C5C2 D961D4C1			3314 DC CL48'MAEBR/MAEB RM -TA RP, RM FPCR'			
00020F30	00080002 00080002			3315 DC XL16'00080002000800020008000300080003			
	D4C1C5C2 D961D4C1			3316 DC CL48'MAEBR/MAEB RM -TA RFS FPCR'			
	00080007 00080007			3317 DC XL16'00080007000800070000000000000000			
		00000018	00000001	3318 SBFPRMOF NUM EQU (*-SBFPRMOF GOOD)/64			
		000000		3319 *			
				3320 *			
00000	D4646462 D233	00020F80	00000001	3321 LBFPNFOT_GOOD EQU *			
00020F80	D4C1C4C2 D940D5C6			3322 DC CL48'MADBR NF -inf/-inf/			
	7FF80000 00000000			3323 DC XL16'7FF800000000000FFF00000000000000			
	D4C1C4C2 40D5C640			3324 DC CL48'MADB NF -inf/-inf/	1		
	7FF80000 00000000			3325 DC XL16'7FF800000000000FFF000000000000000000000			
	D4C1C4C2 D940D5C6 7FF00000 00000000			3326 DC CL48'MADBR NF -inf/-inf/-2.0'	r		
00021030	D4C1C4C2 40D5C640			3327 DC XL16'7FF00000000000007FF0000000000000000000			
00021040				3329 DC XL16'7FF000000000007FF000000000000			
	D4C1C4C2 D940D5C6			3330 DC CL48'MADBR NF -inf/-inf/-0'			
	7FF00000 00000000			3331 DC XL16'7FF0000000000007FF0000000000000	•		
	D4C1C4C2 40D5C640			3332 DC CL48'MADB NF -inf/-inf/-0'			
	7FF00000 00000000			3333 DC XL16'7FF0000000000007FF0000000000000			
	D4C1C4C2 D940D5C6			3334 DC CL48'MADBR NF -inf/-inf/+0'			
00021130	7FF00000 00000000			3335 DC XL16'7FF0000000000007FF00000000000000			
00021140	D4C1C4C2 40D5C640			3336 DC CL48'MADB NF -inf/-inf/+0'			
	7FF00000 00000000			3337 DC XL16'7FF0000000000007FF000000000000000			
	D4C1C4C2 D940D5C6			3338 DC CL48'MADBR NF -inf/-inf/+2.0'			
	7FF00000 00000000			3339 DC XL16'7FF0000000000007FF0000000000000			
	D4C1C4C2 40D5C640			3340 DC CL48'MADB NF -inf/-inf/+2.0'			
	7FF00000 00000000			3341 DC XL16'7FF0000000000007FF000000000000			
	D4C1C4C2 D940D5C6			3342 DC CL48'MADBR NF -inf/-inf/+inf'			
	7FF00000 00000000 D4C1C4C2 40D5C640			3343 DC XL16'7FF0000000000007FF00000000000000000000			
	7FF00000 00000000			3344 DC CL48'MADB NF -inf/-inf/+inf' 3345 DC XL16'7FF000000000007FF0000000000000			
	D4C1C4C2 D940D5C6			3346 DC CL48'MADBR NF -inf/-inf/-QNaN'			
	FFF8B000 00000000			3347 DC XL16'FFF8B000000000FFF8B00000000000			
	D4C1C4C2 40D5C640			3348 DC CL48'MADB NF -inf/-inf/-QNaN'			
	FFF8B000 00000000			3349 DC XL16'FFF8B0000000000FFF8B00000000000	ı		
	D4C1C4C2 D940D5C6			3350 DC CL48'MADBR NF -inf/-inf/+SNaN'			
	7FF8A000 00000000			3351 DC XL16'7FF8A00000000007FF0A00000000000			
	D4C1C4C2 40D5C640			3352 DC CL48'MADB NF -inf/-inf/+SNaN'			
	7FF8A000 00000000			3353 DC XL16'7FF8A00000000007FF0A00000000000			
	D4C1C4C2 D940D5C6			3354 DC CL48'MADBR NF -inf/-2.0/-inf'			
	7FF80000 00000000			3355 DC XL16'7FF800000000000FFF000000000000000			
	D4C1C4C2 40D5C640			3356 DC CL48'MADB NF -inf/-2.0/-inf'			
	7FF80000 00000000			3357 DC XL16'7FF800000000000FFF000000000000000			
00021400	D4C1C4C2 D940D5C6			3358 DC CL48'MADBR NF -inf/-2.0/-2.0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0021430	7FF00000 00000000			3359	DC XL16'7FF00000000000007FF00000000000000'			
0021440	D4C1C4C2 40D5C640			3360	DC CL48'MADB NF -inf/-2.0/-2.0'			
0021470	7FF00000 00000000			3361	DC XL16'7FF00000000000007FF000000000000000'			
0021480	D4C1C4C2 D940D5C6			3362	DC CL48'MADBR NF -inf/-2.0/-0'			
00214B0	7FF00000 00000000			3363				
00214C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-2.0/-0'			
00214F0	7FF00000 00000000				DC XL16'7FF00000000000007FF000000000000000'			
0021500	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-2.0/+0'			
0021530	7FF00000 00000000			3367				
0021540	D4C1C4C2 40D5C640			3368	·			
0021570	7FF00000 00000000			3369				
0021580	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-2.0/+2.0'			
	7FF00000 00000000				DC XL16'7FF00000000000007FF00000000000000'			
00215C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-2.0/+2.0'			
00215F0	7FF00000 00000000			3373				
0021600	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-2.0/+inf' DC XL16'7FF0000000000007FF00000000000000			
0021630 0021640	7FF00000 00000000 D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-2.0/+inf'			
0021670	7FF00000 00000000				DC XL16'7FF0000000000007FF00000000000000			
0021680	D4C1C4C2 D940D5C6			3378				
00216B0	FFF8B000 00000000			3379				
00210D0 00216C0	D4C1C4C2 40D5C640			3380				
00216E0	FFF8B000 00000000			3381				
0021700	D4C1C4C2 D940D5C6			3382				
	7FF8A000 00000000			3383	· · · · · · · · · · · · · · · · · · ·			
0021740	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-2.0/+SNaN'			
0021770	7FF8A000 00000000			3385				
0021780	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-0/-inf'			
00217B0	7FF80000 00000000			3387				
00217C0	D4C1C4C2 40D5C640			3388				
00217F0				3389				
0021800	D4C1C4C2 D940D5C6			3390	DC CL48'MADBR NF -inf/-0/-2.0'			
0021830	7FF80000 00000000			3391	DC XL16'7FF8000000000000C0000000000000000000			
0021840	D4C1C4C2 40D5C640			3392	DC CL48'MADB NF -inf/-0/-2.0'			
0021870	7FF80000 00000000				DC XL16'7FF8000000000000C00000000000000000000			
0021880	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-0/-0'			
	7FF80000 00000000				DC XL16'7FF8000000000000800000000000000000000			
00218C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-0/-0'			
	7FF80000 00000000				DC XL16'7FF800000000000080000000000000000000			
0021900	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-0/+0'			
	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000000			
0021940	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-0/+0'			
	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000000			
0021980	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-0/+2.0'			
					DC XL16'7FF8000000000000400000000000000000000000			
00219C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-0/+2.0'			
					DC XL16'7FF8000000000004000000000000000000000000			
0021A00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-0/+inf' DC XL16'7FF8000000000007FF00000000000000			
0021A30	7FF80000 00000000 D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-0/+inf'			
					DC XL16'7FF8000000000007FF00000000000000			
0021A70	7FF80000 00000000 D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-0/-QNaN'			
					DC XL16'7FF800000000000FFF8B00000000000'			
	7FF80000 00000000							
0021AC0	D4C1C4C2 40D5C640 7FF80000 00000000				DC CL48'MADB NF -inf/-0/-QNaN' DC XL16'7FF800000000000FFF8B00000000000'			
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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
	7FF80000 00000000				DC XL16'7FF8000000000007FF0A00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-0/+SNaN'			
	7FF80000 00000000				DC XL16'7FF80000000000007FF0A00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+0/-inf'			
	7FF80000 00000000 D4C1C4C2 40D5C640				DC XL16'7FF800000000000FFF000000000000000000000			
	7FF80000 00000000				DC XL16'7FF800000000000FFF00000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+0/-2.0'			
	7FF80000 00000000				DC XL16'7FF8000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+0/-2.0'			
0021C70	7FF80000 00000000				DC XL16'7FF8000000000000C0000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+0/-0'			
	7FF80000 00000000				DC XL16'7FF8000000000000800000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+0/-0'			
	7FF80000 00000000				DC XL16'7FF800000000000800000000000000000000000			
	D4C1C4C2 D940D5C6 7FF80000 00000000				DC CL48'MADBR NF -inf/+0/+0' DC XL16'7FF800000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+0/+0'			
	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+0/+2.0'			
	7FF80000 00000000				DC XL16'7FF800000000000400000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+0/+2.0'			
	7FF80000 00000000				DC XL16'7FF80000000000004000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+0/+inf'			
	7FF80000 00000000				DC XL16'7FF80000000000007FF000000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+0/+inf'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF000000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+0/-QNaN'			
	7FF80000 00000000 D4C1C4C2 40D5C640				DC XL16'7FF8000000000000FFF8B00000000000' DC CL48'MADB NF -inf/+0/-QNaN'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF8B0000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+0/+SNaN'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0A0000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+0/+SNaN'			
	7FF80000 00000000			3449	DC XL16'7FF8000000000007FF0A000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+2.0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF0000000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+2.0/-inf'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF0000000000000000000			
	D4C1C4C2 D940D5C6 FFF00000 00000000				DC CL48'MADBR NF -inf/+2.0/-2.0' DC XL16'FFF000000000000FFF0000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+2.0/-2.0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+2.0/-0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+2.0/-0'			
000220F0	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+2.0/+0'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+2.0/+0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF00000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+2.0/+2.0'			
	FFF00000 00000000 D4C1C4C2 40D5C640				DC XL16'FFF0000000000000FFF000000000000000000			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
002211U	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+2.0/+inf'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0022230	7FF80000 00000000			3471	DC XL16'7FF8000000000007FF000000000000000'			
0022240	D4C1C4C2 40D5C640			3472	DC CL48'MADB NF -inf/+2.0/+inf'			
	7FF80000 00000000				DC XL16'7FF80000000000007FF000000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
00222C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000000'			
0022300	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+2.0/+SNaN'			
	7FF8A000 00000000			3479				
	D4C1C4C2 40D5C640			3480				
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0022380	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+inf/-inf'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF0000000000000000000			
00223C0 00223F0	D4C1C4C2 40D5C640 FFF00000 00000000				DC CL48'MADB NF -inf/+inf/-inf' DC XL16'FFF000000000000FFF0000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+inf/-2.0'			
	FFF00000 00000000			3487	· · · · · · · · · · · · · · · · · · ·			
0022430	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+inf/-2.0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF0000000000000000			
0022480	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+inf/-0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF00000000000000			
00224C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+inf/-0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
0022500	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+inf/+0'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0022540	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+inf/+0'			
0022570	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0022580	D4C1C4C2 D940D5C6			3498	DC CL48'MADBR NF -inf/+inf/+2.0'			
00225B0	FFF00000 00000000			3499	DC XL16'FFF0000000000000FFF000000000000000'			
00225C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+inf/+2.0'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+inf/+inf'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF000000000000000'			
					DC CL48'MADB NF -inf/+inf/+inf'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+inf/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
					DC CL48'MADB NF -inf/+inf/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
					DC CL48'MADBR NF -inf/+inf/+SNaN'			
	7FF8A000 00000000 D4C1C4C2 40D5C640				DC XL16'7FF8A000000000007FF0A00000000000' DC CL48'MADB NF -inf/+inf/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
					DC CL48'MADBR NF -inf/-QNaN/-inf'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-QNaN/-inf'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0022710	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-QNaN/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-QNaN/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-QNaN/-0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-QNaN/-0'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-QNaN/+0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0022930	FFF8B000 00000000			3527				
0022940	D4C1C4C2 40D5C640			3528	DC CL48'MADB NF -inf/-QNaN/+0'			
0022970	FFF8B000 00000000			3529	DC XL16'FFF8B00000000000FFF8B000000000000'			
0022980	D4C1C4C2 D940D5C6			3530	DC CL48'MADBR NF -inf/-QNaN/+2.0'			
00229B0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
00229C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-QNaN/+2.0'			
00229F0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
0022A00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-QNaN/+inf'			
0022A30	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000000'			
0022A40	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-QNaN/+inf'			
0022A70	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
0022A80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-QNaN/-QNaN'			
0022AB0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
0022AC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-QNaN/-QNaN'			
0022AF0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
0022B00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/-QNaN/+SNaN'			
0022B30	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0022B40	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/-QNaN/+SNaN'			
0022B70 0022B80	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A00000000007FF0A00000000000'			
0022BB0	7FF8A000 00000000				DC CL48'MADBR NF -inf/+SNaN/-inf' DC XL16'7FF8A0000000000FFF0000000000000000000000			
0022BC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+SNaN/-inf'			
0022BC0 0022BF0	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF0000000000000000			
0022BF0	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+SNaN/-2.0'			
0022C00	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
0022C30	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+SNaN/-2.0'			
0022C70	7FF8A000 00000000			3553				
0022C70	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+SNaN/-0'			
0022CB0	7FF8A000 00000000				DC XL16'7FF8A0000000000800000000000000000000			
0022CC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+SNaN/-0'			
0022CF0	7FF8A000 00000000				DC XL16'7FF8A0000000000080000000000000000000			
0022D00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+SNaN/+0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000000000000000000000000			
0022D40	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+SNaN/+0'			
0022D70	7FF8A000 00000000				DC XL16'7FF8A000000000000000000000000000000			
0022D80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+SNaN/+2.0'			
0022DB0	7FF8A000 00000000				DC XL16'7FF8A0000000000040000000000000000000			
0022DC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+SNaN/+2.0'			
0022DF0	7FF8A000 00000000				DC XL16'7FF8A0000000000040000000000000000000			
0022E00	D4C1C4C2 D940D5C6			3566	DC CL48'MADBR NF -inf/+SNaN/+inf'			
0022E30	7FF8A000 00000000			3567	DC XL16'7FF8A00000000007FF000000000000000'			
0022E40	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+SNaN/+inf'			
0022E70	7FF8A000 00000000				DC XL16'7FF8A00000000007FF000000000000000'			
0022E80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+SNaN/-QNaN'			
0022EB0	7FF8A000 00000000				DC XL16'7FF8A00000000000FFF8B000000000000'			
0022EC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+SNaN/-QNaN'			
0022EF0	7FF8A000 00000000				DC XL16'7FF8A00000000000FFF8B000000000000'			
0022F00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -inf/+SNaN/+SNaN'			
0022F30	7FF8A000 00000000				DC XL16'7FF8A000000000007FF0A000000000000'			
0022F40	D4C1C4C2 40D5C640				DC CL48'MADB NF -inf/+SNaN/+SNaN'			
0022F70	7FF8A000 00000000			3577				
0022F80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-inf/-inf'			
0022FB0	7FF80000 00000000				DC XL16'7FF8000000000000FFF000000000000000'			
0022FC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-inf/-inf'			
0022FF0	7FF80000 00000000				DC XL16'7FF800000000000FFF000000000000000'			
0023000	D4C1C4C2 D940D5C6			3582	DC CL48'MADBR NF -2.0/-inf/-2.0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
00023030	7FF00000 00000000			3583	DC XL16'7FF00000000000007FF00000000000000'			
0023040	D4C1C4C2 40D5C640			3584	DC CL48'MADB NF -2.0/-inf/-2.0'			
0023070	7FF00000 00000000			3585	DC XL16'7FF00000000000007FF000000000000000			
0023080	D4C1C4C2 D940D5C6			3586	DC CL48'MADBR NF -2.0/-inf/-0'			
00230B0	7FF00000 00000000			3587	DC XL16'7FF00000000000007FF000000000000000'			
00230C0	D4C1C4C2 40D5C640			3588	DC CL48'MADB NF -2.0/-inf/-0'			
00230F0	7FF00000 00000000			3589	DC XL16'7FF00000000000007FF00000000000000'			
0023100	D4C1C4C2 D940D5C6			3590	DC CL48'MADBR NF -2.0/-inf/+0'			
0023130	7FF00000 00000000			3591				
00023140	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-inf/+0'			
00023170	7FF00000 00000000			3593				
0023180	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-inf/+2.0'			
000231B0	7FF00000 00000000				DC XL16'7FF00000000000007FF000000000000000'			
00231C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-inf/+2.0'			
000231F0	7FF00000 00000000			3597				
00023200	D4C1C4C2 D940D5C6			3598	· · · · · · · · · · · · · · · · · · ·			
00023230	7FF00000 00000000			3599				
0023240	D4C1C4C2 40D5C640			3600	· · · · · · · · · · · · · · · · · · ·			
00023270	7FF00000 00000000				DC XL16'7FF00000000000007FF000000000000000'			
00023280	D4C1C4C2 D940D5C6			3602	• • • • • • • • • • • • • • • • • • • •			
000232B0	FFF8B000 00000000			3603				
00232C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-inf/-QNaN'			
00232F0	FFF8B000 00000000			3605				
0023300	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-inf/+SNaN'			
00023330	7FF8A000 00000000			3607				
00023340	D4C1C4C2 40D5C640			3608	·			
00023370	7FF8A000 00000000			3609				
00023380 000233B0	D4C1C4C2 D940D5C6 FFF00000 00000000			3610 3611	· · · · · · · · · · · · · · · · · · ·			
00023360 000233C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-2.0/-inf'			
000233E0	FFF00000 00000000			3613				
00023310	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-2.0'			
0023430					DC XL16'40000000000000004000000000000000000			
0023440					DC CL48'MADB NF -2.0/-2.0/			
00023470					DC XL16'400000000000000040000000000000000000			
00023480	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-2.0/-0'			
00234B0					DC XL16'401000000000000040100000000000000			
00234C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-2.0/-0'			
00234F0					DC XL16'401000000000000040100000000000000			
0023500	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-2.0/+0'			
0023530					DC XL16'401000000000000040100000000000000			
0023540	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-2.0/+0'			
0023570					DC XL16'401000000000000040100000000000000			
0023580	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-2.0/+2.0'			
00235B0					DC XL16'401800000000000040180000000000000'			
00235C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-2.0/+2.0'			
00235F0					DC XL16'40180000000000004018000000000000'			
0023600	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF00000000000007FF000000000000000'			
0023640	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF000000000000000'			
00023680	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-2.0/-QNaN'			
					DC XL16'FFF8B00000000000FFF8B000000000000'			
000236C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
00023700					DC CL48'MADBR NF -2.0/-2.0/+SNaN'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-0/-inf'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF00000000000000000			
	D4C1C4C2 40D5C640 FFF00000 00000000				DC CL48'MADB NF -2.0/-0/-inf' DC XL16'FFF0000000000000FFF000000000000000000			
000237F0	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-0/-2.0'			
	C000000 00000000				DC XL16'C00000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-0/-2.0'			
	C000000 00000000				DC XL16'C00000000000000000000000000000000000			
00023880	D4C1C4C2 D940D5C6			3650	DC CL48'MADBR NF -2.0/-0/-0'			
000238B0	00000000 00000000				DC XL16'000000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-0/-0'			
000238F0	00000000 00000000				DC XL16'000000000000000000000000000000000000			
	D4C1C4C2 D940D5C6 00000000 00000000				DC CL48'MADBR NF -2.0/-0/+0' DC XL16'000000000000000000000000000000000000			
00023930 00023940	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-0/+0'			
00023940	00000000 00000000				DC XL16'000000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-0/+2.0'			
	4000000 00000000				DC XL16'400000000000000040000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-0/+2.0'			
000239F0	40000000 00000000			3661	DC XL16'400000000000000040000000000000000000			
00023A00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF000000000000000			
00023A40	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF0000000000000'			
00023A80 00023AB0	D4C1C4C2 D940D5C6 FFF8B000 00000000				DC CL48'MADBR NF -2.0/-0/-QNaN' DC XL16'FFF8B0000000000FFF8B00000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A000000000000'			
00023B40	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF00000000000000'			
	D4C1C4C2 40D5C640 FFF00000 00000000				DC CL48'MADB NF -2.0/+0/-inf' DC XL16'FFF0000000000000FFF000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+0/-2.0'			
	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+0/-2.0'			
	C000000 00000000				DC XL16'C00000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+0/-0'			
	80000000 00000000				DC XL16'8000000000000008000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+0/-0'			
	80000000 00000000				DC XL16'8000000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+0/+0'			
	00000000 00000000 D4C1C4C2 40DEC640				DC XL16'000000000000000000000000000000000000			
00023D40 00023D70	D4C1C4C2 40D5C640 00000000 00000000				DC CL48'MADB NF -2.0/+0/+0' DC XL16'000000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+0/+2.0'			
	40000000 00000000				DC XL16'400000000000000040000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+0/+2.0'			
	4000000 0000000				DC XL16'400000000000000040000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+0/+inf'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0023E30	7FF00000 00000000			3695	DC XL16'7FF0000000000007FF000000000000000'			
0023E40	D4C1C4C2 40D5C640			3696	DC CL48'MADB NF -2.0/+0/+inf'			
	7FF00000 00000000				DC XL16'7FF00000000000007FF000000000000000'			
0023E80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
0023EC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
0023F00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0023F40	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+0/+SNaN'			
0023F70	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A000000000007FF0A00000000000' DC CL48'MADBR NF -2.0/+2.0/-inf'			
0023FB0	FFF00000 00000000				DC XL16'FFF000000000000FFF0000000000000000			
0023FC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+2.0/-inf'			
0023FF0	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
00023110	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+2.0/-2.0'			
00024030	C0180000 00000000				DC XL16'C01800000000000C018000000000000'			
00024040	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+2.0/-2.0'			
00024070	C0180000 00000000				DC XL16'C018000000000000C018000000000000'			
00024080	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+2.0/-0'			
00240B0	C0100000 00000000				DC XL16'C010000000000000C0100000000000000'			
00240C0	D4C1C4C2 40D5C640			3716	DC CL48'MADB NF -2.0/+2.0/-0'			
00240F0	C0100000 00000000			3717	DC XL16'C010000000000000C0100000000000000'			
0024100	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+2.0/+0'			
0024130	C0100000 00000000				DC XL16'C010000000000000C0100000000000000'			
00024140	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+2.0/+0'			
00024170	C0100000 00000000				DC XL16'C01000000000000000000000000000000000			
00024180	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+2.0/+2.0'			
000241B0	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
000241C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+2.0'			
000241F0	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
0024200	D4C1C4C2 D940D5C6 7FF00000 00000000				DC CL48'MADBR NF -2.0/+2.0/+inf' DC XL16'7FF0000000000007FF0000000000000000			
00024230					DC CL48'MADB NF -2.0/+2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF00000000000000			
0024280	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
00242C0					DC CL48'MADB NF -2.0/+2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0024300					DC CL48'MADBR NF -2.0/+2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0024340					DC CL48'MADB NF -2.0/+2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A000000000000'			
0024380					DC CL48 MADBR NF -2.0/+inf/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
00243C0					DC CL48'MADB NF -2.0/+inf/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF00000000000000'			
0024400	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+inf/-2.0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000'			
0024440	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+inf/-2.0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF0000000000000000000			
00024480	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+inf/-0'			
					DC XL16'FFF000000000000FFF0000000000000'			
00244C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+inf/-0' DC XL16'FFF000000000000FFF00000000000000000			
00244F0	FFF00000 00000000 D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+inf/+0'			
0024300	D4CIC4CZ D340D3C0			3/30	DC CL40 MADDY ML -5.0/+1111/+0			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0024530	FFF00000 00000000			3751	DC XL16'FFF0000000000000FFF000000000000000'			
0024540	D4C1C4C2 40D5C640			3752	DC CL48'MADB NF -2.0/+inf/+0'			
0024570	FFF00000 00000000			3753				
0024580	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+inf/+2.0'			
00245B0	FFF00000 00000000			3755				
00245C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+inf/+2.0'			
00245F0	FFF00000 00000000			3757				
0024600	D4C1C4C2 D940D5C6			3758				
0024630	7FF80000 00000000			3759				
0024640	D4C1C4C2 40D5C640			3760	· · · · · · · · · · · · · · · · · · ·			
0024670	7FF80000 00000000			3761				
0024680	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+inf/-QNaN'			
00246B0	FFF8B000 00000000			3763				
00246C0 00246F0	D4C1C4C2 40D5C640 FFF8B000 00000000				DC CL48'MADB NF -2.0/+inf/-QNaN' DC XL16'FFF8B0000000000FFF8B00000000000'			
0024660	D4C1C4C2 D940D5C6			3765 3766	DC CL48'MADBR NF -2.0/+inf/+SNaN'			
0024700	7FF8A000 00000000			3767				
0024730	D4C1C4C2 40D5C640			3768				
0024740	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0024770	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-QNaN/-inf'			
0024780 0024780	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
00247C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-QNaN/-inf'			
00247E0	FFF8B000 00000000			3773				
0024800	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-QNaN/-2.0'			
0024830	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0024840	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-QNaN/-2.0'			
0024870	FFF8B000 00000000			3777	· · ·			
0024880	D4C1C4C2 D940D5C6			3778				
00248B0	FFF8B000 00000000			3779	· · · · · · · · · · · · · · · · · · ·			
00248C0	D4C1C4C2 40D5C640			3780	DC CL48'MADB NF -2.0/-QNaN/-0'			
00248F0	FFF8B000 00000000			3781	DC XL16'FFF8B00000000000FFF8B000000000000'			
0024900	D4C1C4C2 D940D5C6			3782	DC CL48'MADBR NF -2.0/-QNaN/+0'			
0024930					DC XL16'FFF8B00000000000FFF8B000000000000'			
0024940	D4C1C4C2 40D5C640			3784	DC CL48'MADB NF -2.0/-QNaN/+0'			
0024970	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
0024980	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-QNaN/+2.0'			
00249B0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
00249C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-QNaN/+2.0'			
00249F0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
0024A00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-QNaN/+inf'			
0024A30	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0024A40	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-QNaN/+inf'			
0024A70	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0024A80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/-QNaN/-QNaN'			
0024AB0	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0024AC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/-QNaN/-QNaN'			
0024AF0	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0024B00 0024B30	D4C1C4C2 D940D5C6 7FF8A000 00000000				DC CL48'MADBR NF -2.0/-QNaN/+SNaN' DC XL16'7FF8A00000000007FF0A00000000000'			
0024B30 0024B40					DC CL48'MADB NF -2.0/-QNaN/+SNaN'			
10024B40 10024B70	D4C1C4C2 40D5C640 7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000			
10024B70 10024B80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+SNaN/-inf'			
10024B80 10024BB0	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF00000000000000			
0024BC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+SNaN/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF00000000000000			
MMINKEN					TO ALLE OF THE CHARLEST STRIPTS IN THE STRIPTS IN T			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0024C30	7FF8A000 00000000			3807	DC XL16'7FF8A000000000000000000000000000000			
0024C40	D4C1C4C2 40D5C640			3808	DC CL48'MADB NF -2.0/+SNaN/-2.0'			
	7FF8A000 00000000			3809				
	D4C1C4C2 D940D5C6			3810				
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+SNaN/-0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000			
0024D00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+SNaN/+0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+SNaN/+0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
0024D80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+SNaN/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000004000000000000000000000000			
0024DC0 0024DF0	D4C1C4C2 40D5C640 7FF8A000 00000000				DC CL48'MADB NF -2.0/+SNaN/+2.0' DC XL16'7FF8A000000000004000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+SNaN/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000007FF0000000000000'			
0024E30	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+SNaN/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000007FF00000000000000			
0024E80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -2.0/+SNaN/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A000000000FFF8B0000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+SNaN/-QNaN'			
	7FF8A000 00000000			3829				
0024F00	D4C1C4C2 D940D5C6			3830				
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0024F40	D4C1C4C2 40D5C640				DC CL48'MADB NF -2.0/+SNaN/+SNaN'			
0024F70	7FF8A000 00000000			3833				
0024F80	D4C1C4C2 D940D5C6			3834	DC CL48'MADBR NF -0/-inf/-inf'			
0024FB0	7FF80000 00000000			3835	DC XL16'7FF8000000000000FFF000000000000000'			
0024FC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-inf/-inf'			
	7FF80000 00000000				DC XL16'7FF8000000000000FFF00000000000000'			
0025000	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-inf/-2.0'			
	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48 MADB NF -0/-inf/-2.0'			
	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-inf/-0'			
	7FF80000 00000000				DC XL16'7FF800000000000080000000000000000000000			
					DC CL48'MADB NF -0/-inf/-0'			
	7FF80000 00000000				DC XL16'7FF800000000000800000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-inf/+0'			
	7FF80000 00000000 D4C1C4C2 40D5C640				DC XL16'7FF800000000000000000000000000000000000			
	7FF80000 00000000				DC CL48'MADB NF -0/-inf/+0' DC XL16'7FF800000000000000000000000000000000000			
					DC CL48'MADBR NF -0/-inf/+2.0'			
	7FF80000 00000000				DC XL16'7FF8000000000000400000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-inf/+2.0'			
	7FF80000 00000000				DC XL16'7FF8000000000004000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-inf/+inf'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF00000000000000			
					DC CL48'MADB NF -0/-inf/+inf'			
	7FF80000 00000000				DC XL16'7FF800000000007FF00000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-inf/-QNaN'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF8B00000000000'			
					DC CL48'MADB NF -0/-inf/-QNaN'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF8B00000000000'			
					DC CL48'MADBR NF -0/-inf/+SNaN'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0025330	7FF80000 00000000			3863	DC XL16'7FF8000000000007FF0A00000000000'			
0025340	D4C1C4C2 40D5C640			3864	DC CL48'MADB NF -0/-inf/+SNaN'			
0025370	7FF80000 00000000			3865	DC XL16'7FF80000000000007FF0A000000000000'			
0025380	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-2.0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
00253C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-2.0/-inf'			
00253F0	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0025400	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-2.0/-2.0'			
0025430	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
0025440	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-2.0/-2.0'			
0025470	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
0025480	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-2.0/-0'			
00254B0 00254C0	00000000 00000000 D4616463 40DE6640				DC XL16'000000000000000000000000000000000000			
00254C0 00254F0	D4C1C4C2 40D5C640 00000000 00000000				DC XL16'000000000000000000000000000000000000			
0025500	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-2.0/+0'			
0025530	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0025540	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-2.0/+0'			
0025570	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0025580	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-2.0/+2.0'			
00255B0	4000000 0000000				DC XL16'400000000000000040000000000000000			
00255C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-2.0/+2.0'			
00255F0	40000000 00000000				DC XL16'4000000000000000400000000000000000			
0025600	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF000000000000000			
0025640	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-2.0/+inf'			
0025670	7FF00000 00000000			3889				
0025680	D4C1C4C2 D940D5C6			3890	DC CL48'MADBR NF -0/-2.0/-QNaN'			
00256B0	FFF8B000 00000000			3891	DC XL16'FFF8B0000000000FFF8B0000000000000'			
00256C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
0025700	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF0A000000000000'			
0025740					DC CL48'MADB NF -0/-2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000000'			
0025780	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
00257C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0025800	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-0/-2.0'			
0025830	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
0025840	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-0/-2.0'			
0025870 0025880	C0000000 00000000 D4C1C4C2 D940D5C6				DC XL16'C000000000000000000000000000000000000			
0025880 00258B0	00000000 00000000				DC CL48'MADBR NF -0/-0/-0' DC XL16'000000000000000000000000000000000000			
0025860 00258C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-0/-0'			
00258F0	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0025900	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-0/+0'			
0025930	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0025940	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-0/+0'			
0025970	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0025980	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-0/+2.0'			
00259B0	40000000 00000000				DC XL16'40000000000000040000000000000000000			
00259C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-0/+2.0'			
					DC XL16'40000000000000040000000000000000			
	D4C1C4C2 D940D5C6			J J ± 1				

ASMA Ver.	0.2.1 bfp-021-mult	add: Test	IEEE Mult:	iply Ar	d Add	17 Aug 2022 12:26:10	Page	79
LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
00025A30	7FF00000 00000000			3919	DC XL16'7FF00000000000007FF00000000000000'			
00025A40	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-0/+inf'			
	7FF00000 00000000				DC XL16'7FF00000000000007FF000000000000000			
00025A80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000'			
00025AC0 00025AF0	D4C1C4C2 40D5C640 FFF8B000 00000000				DC CL48'MADB NF -0/-0/-QNaN' DC XL16'FFF8B0000000000FFF8B0000000000'			
00025AF0	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A0000000007FF0A0000000000'			
00025B40	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A000000000000'			
00025B80	D4C1C4C2 D940D5C6			3930	DC CL48'MADBR NF -0/+0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
00025BC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF00000000000000'			
	D4C1C4C2 D940D5C6 C0000000 00000000				DC CL48'MADBR NF -0/+0/-2.0'			
	D4C1C4C2 40D5C640				DC XL16'C000000000000000000000000000000000000			
	C0000000 00000000				DC XL16'C00000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+0/-0'			
	8000000 00000000				DC XL16'8000000000000000800000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+0/-0'			
	8000000 0000000				DC XL16'8000000000000000800000000000000000000			
00025D00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+0/+0'			
00025D30	00000000 00000000				DC XL16'000000000000000000000000000000000000			
00025D40	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+0/+0'			
00025D70	00000000 00000000				DC XL16'000000000000000000000000000000000000			
00025D80 00025DB0	D4C1C4C2 D940D5C6 4000000 00000000				DC CL48'MADBR NF -0/+0/+2.0' DC XL16'4000000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+0/+2.0'			
	4000000 00000000				DC XL16'40000000000000004000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+0/+inf'			
	7FF00000 00000000				DC XL16'7FF00000000000007FF000000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF000000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000'			
	D4C1C4C2 40D5C640 FFF8B000 00000000				DC CL48'MADB NF -0/+0/-QNaN' DC XL16'FFF8B0000000000FFF8B0000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
00025F80	D4C1C4C2 D940D5C6			3962	DC CL48'MADBR NF -0/+2.0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF0000000000000000			
0025FC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+2.0/-inf'			
0025FF0	FFF00000 00000000				DC XL16'FFF0000000000000FFF00000000000000000			
0026000	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+2.0/-2.0'			
00026030 00026040	C0000000 00000000 D4C1C4C2 40D5C640				DC XL16'C000000000000000000000000000000000000			
	C0000000 00000000				DC CL48'MADB NF -0/+2.0/-2.0' DC XL16'C000000000000000000000000000000000000			
00026080	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+2.0/-0'			
	8000000 0000000				DC XL16'80000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+2.0/-0'			
	8000000 0000000				DC XL16'80000000000000008000000000000000000			
	D4C1C4C2 D940D5C6			3974	DC CL48'MADBR NF -0/+2.0/+0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0026130	00000000 00000000			3975	DC XL16'000000000000000000000000000000000000			
0026140	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+2.0/+0'			
0026170	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0026180	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+2.0/+2.0'			
00261B0	40000000 00000000 D4616463 40DE6640			3979				
00261C0 00261F0	D4C1C4C2 40D5C640 40000000 00000000			3980	DC CL48'MADB NF -0/+2.0/+2.0' DC XL16'4000000000000000000000000000000000000			
0026170	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF00000000000000			
0026240	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF00000000000000'			
0026280	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+2.0/-QNaN'			
00262B0	FFF8B000 00000000			3987	DC XL16'FFF8B0000000000FFF8B0000000000000'			
00262C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+2.0/-QNaN'			
	FFF8B000 00000000			3989				
0026300	D4C1C4C2 D940D5C6			3990				
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF0A00000000000'			
0026340	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+2.0/+SNaN'			
0026380	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A000000000007FF0A00000000000' DC CL48'MADBR NF -0/+inf/-inf'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF00000000000000			
00263C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+inf/-inf'			
	7FF80000 00000000			3997				
0026400	D4C1C4C2 D940D5C6			3998				
	7FF80000 00000000			3999				
0026440	D4C1C4C2 40D5C640			4000	DC CL48'MADB NF -0/+inf/-2.0'			
0026470	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000000			
0026480	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+inf/-0'			
00264B0	7FF80000 00000000			4003				
00264C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+inf/-0'			
0026460	7FF80000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF800000000000080000000000000000000000			
	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000000			
0026540					DC CL48'MADB NF -0/+inf/+0'			
	7FF80000 00000000				DC XL16'7FF80000000000000000000000000000000			
0026580	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+inf/+2.0'			
	7FF80000 00000000				DC XL16'7FF80000000000004000000000000000000			
00265C0	D4C1C4C2 40D5C640			4012	DC CL48'MADB NF -0/+inf/+2.0'			
	7FF80000 00000000				DC XL16'7FF800000000000400000000000000000000			
0026600					DC CL48'MADBR NF -0/+inf/+inf'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0000000000000000			
0026640					DC CL48'MADB NF -0/+inf/+inf'			
0026670 0026680	7FF80000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF80000000000007FF0000000000000' DC CL48'MADBR NF -0/+inf/-QNaN'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF8B00000000000'			
00266C0					DC CL48'MADB NF -0/+inf/-QNaN'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF8B0000000000'			
0026700					DC CL48'MADBR NF -0/+inf/+SNaN'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0A00000000000'			
0026740				4024	DC CL48'MADB NF -0/+inf/+SNaN'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0A0000000000000'			
0026780					DC CL48'MADBR NF -0/-QNaN/-inf'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
00267C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/-QNaN/-inf'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0026800	D4C1C4C2 D940D5C6			4030	DC CL48'MADBR NF -0/-QNaN/-2.0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0026830	FFF8B000 00000000			4031	DC XL16'FFF8B00000000000FFF8B000000000000'			
0026840	D4C1C4C2 40D5C640			4032	DC CL48'MADB NF -0/-QNaN/-2.0'			
0026870	FFF8B000 00000000			4033				
0026880	D4C1C4C2 D940D5C6			4034	· · · · · · · · · · · · · · · · · · ·			
00268B0	FFF8B000 00000000			4035				
00268C0	D4C1C4C2 40D5C640			4036				
00268F0	FFF8B000 00000000			4037				
0026900	D4C1C4C2 D940D5C6			4038	· · · · · · · · · · · · · · · · · · ·			
0026930	FFF8B000 00000000			4039				
0026940	D4C1C4C2 40D5C640			4040	· · · · · · · · · · · · · · · · · · ·			
0026970	FFF8B000 00000000			4041				
0026980	D4C1C4C2 D940D5C6			4042	and the control of th			
00269B0	FFF8B000 00000000			4043				
000269C0	D4C1C4C2 40D5C640			4044	, <b>,</b> ,			
000269F0	FFF8B000 00000000			4045				
0026A00	D4C1C4C2 D940D5C6			4046	· · · · · · · · · · · · · · · · · · ·			
0026A30	FFF8B000 00000000			4047				
0026A40	D4C1C4C2 40D5C640			4048				
0026A70	FFF8B000 00000000			4049				
0026A80	D4C1C4C2 D940D5C6			4050	· · · · · · · · · · · · · · · · · · ·			
0026AB0	FFF8B000 00000000			4051				
0026AC0	D4C1C4C2 40D5C640			4052	,			
0026AF0 0026B00	FFF8B000 00000000			4053 4054				
10026B30	D4C1C4C2 D940D5C6 7FF8A000 00000000			4054				
0026B40	D4C1C4C2 40D5C640			4056				
0026B70	7FF8A000 00000000			4057				
0026B80	D4C1C4C2 D940D5C6			4058				
0026BB0	7FF8A000 00000000			4059				
0026BC0	D4C1C4C2 40D5C640			4060				
0026BF0	7FF8A000 00000000			4061				
0026C00	D4C1C4C2 D940D5C6			4062				
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000			
0026C40					DC CL48'MADB NF -0/+SNaN/-2.0'			
					DC XL16'7FF8A00000000000C0000000000000000			
0026C80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+SNaN/-0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000			
0026CC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+SNaN/-0'			
					DC XL16'7FF8A0000000000080000000000000000			
0026D00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+SNaN/+0'			
0026D30					DC XL16'7FF8A00000000000000000000000000000			
0026D40	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+SNaN/+0'			
					DC XL16'7FF8A0000000000000000000000000000000			
0026D80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+SNaN/+2.0'			
0026DB0					DC XL16'7FF8A0000000000040000000000000000000			
0026DC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+SNaN/+2.0'			
0026DF0					DC XL16'7FF8A0000000000040000000000000000000			
0026E00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+SNaN/+inf'			
0026E30				4079	DC XL16'7FF8A00000000007FF0000000000000000			
0026E40	D4C1C4C2 40D5C640			4080	DC CL48'MADB NF -0/+SNaN/+inf'			
0026E70					DC XL16'7FF8A00000000007FF0000000000000000			
00026E80	D4C1C4C2 D940D5C6			4082	DC CL48'MADBR NF -0/+SNaN/-QNaN'			
0026EB0					DC XL16'7FF8A0000000000FFF8B0000000000000'			
00026EC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -0/+SNaN/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B0000000000000'			
0026F00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -0/+SNaN/+SNaN'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
	7FF8A000 00000000			4087	DC XL16'7FF8A00000000007FF0A00000000000'			
0026F40	D4C1C4C2 40D5C640			4088	·			
	7FF8A000 00000000			4089				
0026F80	D4C1C4C2 D940D5C6			4090				
	7FF80000 00000000				DC XL16'7FF800000000000FFF00000000000000'			
0026FC0	D4C1C4C2 40D5C640 7FF80000 00000000				DC CL48'MADB NF +0/-inf/-inf' DC XL16'7FF800000000000FFF000000000000000000000			
0002077000	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-inf/-2.0'			
	7FF80000 00000000			4095				
0027040	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-inf/-2.0'			
	7FF80000 00000000			4097				
0027080	D4C1C4C2 D940D5C6			4098	DC CL48'MADBR NF +0/-inf/-0'			
	7FF80000 00000000			4099				
000270C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-inf/-0'			
	7FF80000 00000000				DC XL16'7FF800000000000080000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-inf/+0'			
	7FF80000 00000000			4103				
00027140	D4C1C4C2 40D5C640 7FF80000 00000000				DC CL48'MADB NF +0/-inf/+0' DC XL16'7FF800000000000000000000000000000000000			
00027170	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-inf/+2.0'			
	7FF80000 00000000				DC XL16'7FF800000000000400000000000000000			
00271C0	D4C1C4C2 40D5C640			4108				
	7FF80000 00000000			4109				
0027200	D4C1C4C2 D940D5C6			4110	DC CL48'MADBR NF +0/-inf/+inf'			
0027230	7FF80000 00000000			4111	DC XL16'7FF8000000000007FF000000000000000'			
00027240	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-inf/+inf'			
	7FF80000 00000000			4113	DC XL16'7FF80000000000007FF000000000000000'			
00027280	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-inf/-QNaN'			
	7FF80000 00000000			4115				
000272C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-inf/-QNaN' DC XL16'7FF800000000000FFF8B00000000000'			
000272F0	7FF80000 00000000 D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-inf/+SNaN'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0A00000000000'			
0027340					DC CL48'MADB NF +0/-inf/+SNaN'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0A0000000000'			
00027380	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-2.0/-inf'			
00273B0	FFF00000 00000000			4123	DC XL16'FFF0000000000000FFF000000000000000'			
000273C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-2.0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0027400	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-2.0/-2.0'			
0027430	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
0027440	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-2.0/-2.0'			
0027470 0027480	C0000000 00000000 D4C1C4C2 D940D5C6				DC XL16'C000000000000000000000000000000000000			
0027480 00274B0					DC XL16'8000000000000008000000000000000000000			
00274C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-2.0/-0'			
00274F0	8000000 0000000				DC XL16'80000000000000080000000000000000000			
0027500	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-2.0/+0'			
0027530					DC XL16'000000000000000000000000000000000000			
00027540	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-2.0/+0'			
00027570					DC XL16'000000000000000000000000000000000000			
00027580	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-2.0/+2.0'			
000275B0					DC XL16'4000000000000000400000000000000000000			
000275C0	D4C1C4C2 40D5C640 4000000 00000000				DC CL48'MADB NF +0/-2.0/+2.0' DC XL16'4000000000000000000000000000000000000			
10027550								

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0027630	7FF00000 00000000			4143	DC XL16'7FF00000000000007FF000000000000000'			
0027640					DC CL48'MADB NF +0/-2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF00000000000007FF000000000000000'			
0027680	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-2.0/-QNaN'			
	FFF8B000 00000000			4147				
00276C0	D4C1C4C2 40D5C640			4148	· · · · · · · · · · · · · · · · · · ·			
0027660	FFF8B000 00000000 D4C1C4C2 D940D5C6				DC XL16'FFF8B00000000000FFF8B00000000000' DC CL48'MADBR NF +0/-2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0027730					DC CL48'MADB NF +0/-2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
0027780	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
00277C0	D4C1C4C2 40D5C640			4156	DC CL48'MADB NF +0/-0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0027800	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-0/-2.0'			
00027830	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
00027840	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-0/-2.0'			
00027870 00027880	C0000000 00000000 D4C1C4C2 D940D5C6				DC XL16'C000000000000000000000000000000000000			
00278B0					DC XL16'800000000000000800000000000000000000			
00278C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-0/-0'			
00278F0					DC XL16'8000000000000008000000000000000000			
0027900	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-0/+0'			
0027930	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0027940	D4C1C4C2 40D5C640			4168	DC CL48'MADB NF +0/-0/+0'			
0027970	00000000 00000000			4169				
0027980	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-0/+2.0'			
000279B0	4000000 00000000				DC XL16'400000000000000000000000000000000000			
000279C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-0/+2.0'			
00279F0					DC XL16'4000000000000004000000000000000000000			
0027A00	D4C1C4C2 D940D5C6 7FF00000 00000000				DC CL48'MADBR NF +0/-0/+inf' DC XL16'7FF0000000000007FF00000000000000000			
0027A30					DC CL48'MADB NF +0/-0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF00000000000000			
0027A80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0027AC0					DC CL48'MADB NF +0/-0/-QNaN'			
0027AF0	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B0000000000000'			
0027B00					DC CL48'MADBR NF +0/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF0A000000000000'			
0027B40					DC CL48'MADB NF +0/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0027B80	D4C1C4C2 D940D5C6 FFF00000 00000000				DC CL48'MADBR NF +0/+0/-inf' DC XL16'FFF000000000000FFF0000000000000000000			
0027BC0					DC CL48'MADB NF +0/+0/-inf'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF00000000000000000			
0027B10	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+0/-2.0'			
0027C30					DC XL16'C00000000000000000000000000000000000			
0027C40					DC CL48'MADB NF +0/+0/-2.0'			
0027C70					DC XL16'C000000000000000000000000000000000000			
0027C80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+0/-0'			
0027CB0					DC XL16'000000000000000000000000000000000000			
0027CC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+0/-0'			
0027CF0					DC XL16'000000000000000000000000000000000000			
0027D00	D4C1C4C2 D940D5C6			4198	DC CL48'MADBR NF +0/+0/+0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
00027D30	00000000 00000000			4199	DC XL16'000000000000000000000000000000000000			
00027D40	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+0/+0'			
0027D70	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0027D80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+0/+2.0'			
0027DB0	4000000 00000000 D4616463 40DE6640				DC XL16'40000000000000040000000000000000'			
00027DC0 00027DF0	D4C1C4C2 40D5C640 4000000 00000000				DC CL48'MADB NF +0/+0/+2.0' DC XL16'4000000000000000000000000000000000000			
00027DF0 00027E00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF00000000000000			
00027E40	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+0/+inf'			
	7FF00000 00000000			4209				
0027E80	D4C1C4C2 D940D5C6			4210	DC CL48'MADBR NF +0/+0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B0000000000000'			
00027EC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
					DC CL48'MADBR NF +0/+0/+SNaN'			
00027F30 00027F40	7FF8A000 00000000 D4C1C4C2 40D5C640				DC XL16'7FF8A000000000007FF0A0000000000' DC CL48'MADB NF +0/+0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
0027F80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+2.0/-inf'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF00000000000000			
0027FC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+2.0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0028000	D4C1C4C2 D940D5C6			4222	DC CL48'MADBR NF +0/+2.0/-2.0'			
00028030	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
00028040	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+2.0/-2.0'			
00028070	C0000000 00000000			4225				
00028080	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+2.0/-0'			
000280B0 000280C0	00000000 00000000 D4616463 40DE6640			4227				
000280E0	D4C1C4C2 40D5C640 00000000 00000000				DC CL48'MADB NF +0/+2.0/-0' DC XL16'000000000000000000000000000000000000			
00028100	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+2.0/+0'			
	0000000 0000000				DC XL16'000000000000000000000000000000000000			
0028140	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+2.0/+0'			
00028170	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0028180	D4C1C4C2 D940D5C6			4234	DC CL48'MADBR NF +0/+2.0/+2.0'			
					DC XL16'400000000000000040000000000000000000			
000281C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+2.0/+2.0'			
					DC XL16'400000000000000040000000000000000000			
0028200	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF00000000000000000000			
0028240	D4C1C4C2 40D5C640 7FF00000 00000000				DC CL48'MADB NF +0/+2.0/+inf' DC XL16'7FF0000000000007FF00000000000000000			
0028270					DC CL48'MADBR NF +0/+2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
00282C0					DC CL48'MADB NF +0/+2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
0028300	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+2.0/+SNaN'			
	7FF8A000 00000000			4247	DC XL16'7FF8A00000000007FF0A0000000000000'			
00028340					DC CL48'MADB NF +0/+2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF0A000000000000'			
00028380					DC CL48'MADBR NF +0/+inf/-inf'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF00000000000000'			
000283C0	D4C1C4C2 40D5C640 7FF80000 00000000				DC CL48'MADB NF +0/+inf/-inf' DC XL16'7FF800000000000FFF00000000000000000			
	/ FEANNIN NUNNNNNN			4/71	DC VETO / LEQUANDANANANALEENANANANANANANANA			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
00028430	7FF80000 00000000			4255	DC XL16'7FF80000000000000000000000000000000			
0028440	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+inf/-2.0'			
	7FF80000 00000000				DC XL16'7FF8000000000000C0000000000000000000			
0028480	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+inf/-0'			
	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000000			
00284C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+inf/-0'			
000284F0 00028500	7FF80000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF800000000000080000000000000000000000			
	7FF80000 00000000				DC XL16'7FF800000000000000000000000000000000000			
0028540	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+inf/+0'			
	7FF80000 00000000				DC XL16'7FF80000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+inf/+2.0'			
000285B0	7FF80000 00000000			4267	DC XL16'7FF80000000000004000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+inf/+2.0'			
	7FF80000 00000000				DC XL16'7FF800000000000040000000000000000000			
00028600	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+inf/+inf'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF00000000000000'			
00028640 00028670	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+inf/+inf' DC XL16'7FF8000000000007FF00000000000000			
00028680	7FF80000 00000000 D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+inf/-QNaN'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+inf/-QNaN'			
	7FF80000 00000000				DC XL16'7FF800000000000FFF8B00000000000'			
0028700	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+inf/+SNaN'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0A000000000000'			
00028740	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+inf/+SNaN'			
	7FF80000 00000000				DC XL16'7FF8000000000007FF0A00000000000'			
00028780	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-QNaN/-inf'			
000287B0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-QNaN/-inf'			
	FFF8B000 00000000 D4C1C4C2 D940D5C6				DC XL16'FFF8B00000000000FFF8B00000000000' DC CL48'MADBR NF +0/-QNaN/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-QNaN/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-QNaN/-0'			
000288B0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-QNaN/-0'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-QNaN/+0'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-QNaN/+0'			
	FFF8B000 00000000 D4C1C4C2 D940D5C6				DC XL16'FFF8B00000000000FFF8B00000000000' DC CL48'MADBR NF +0/-QNaN/+2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-QNaN/+2.0'			
00289F0	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-QNaN/+inf'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
0028A40	D4C1C4C2 40D5C640			4304	DC CL48'MADB NF +0/-QNaN/+inf'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B0000000000000'			
00028A80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/-QNaN/-QNaN'			
0028AB0	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-QNaN/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000'			
0078800	D4C1C4C2 D940D5C6			4310	DC CL48'MADBR NF +0/-QNaN/+SNaN'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
00028B30	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
00028B40	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/-QNaN/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF0A000000000000'			
0028B80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+SNaN/-inf'			
					DC XL16'7FF8A0000000000FFF00000000000000'			
0028BC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+SNaN/-inf'			
0028BF0	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A00000000000FFF0000000000000' DC CL48'MADBR NF +0/+SNaN/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000C00000000000000000			
0028C40	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+SNaN/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000000000000000000000000			
00028C80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+SNaN/-0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000000800000000000000000000			
00028CC0	D4C1C4C2 40D5C640			4324	DC CL48'MADB NF +0/+SNaN/-0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000			
00028D00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+SNaN/+0'			
00028D30				4327				
0028D40	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+SNaN/+0'			
	7FF8A000 00000000			4329				
0028D80	D4C1C4C2 D940D5C6 7FF8A000 00000000			4330	DC CL48'MADBR NF +0/+SNaN/+2.0' DC XL16'7FF8A000000000004000000000000000000000000			
10028DC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+SNaN/+2.0'			
	7FF8A000 00000000			4333				
0028E00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+SNaN/+inf'			
	7FF8A000 00000000			4335				
00028E40	D4C1C4C2 40D5C640				DC CL48'MADB NF +0/+SNaN/+inf'			
00028E70	7FF8A000 00000000			4337	DC XL16'7FF8A00000000007FF000000000000000'			
00028E80	D4C1C4C2 D940D5C6			4338				
	7FF8A000 00000000			4339				
00028EC0	D4C1C4C2 40D5C640			4340	· · · · · · · · · · · · · · · · · · ·			
	7FF8A000 00000000				DC XL16'7FF8A00000000000FFF8B00000000000'			
0028F00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +0/+SNaN/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
0028F40	D4C1C4C2 40D5C640 7FF8A000 00000000				DC CL48'MADB NF +0/+SNaN/+SNaN' DC XL16'7FF8A00000000007FF0A00000000000'			
0028F80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-inf/-inf'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
0028FC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-inf/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0029000	D4C1C4C2 D940D5C6			4350	DC CL48'MADBR NF +2.0/-inf/-2.0'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0029040	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-inf/-2.0'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0029080	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-inf/-0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF00000000000000'			
00290C0	D4C1C4C2 40D5C640 FFF00000 00000000				DC CL48'MADB NF +2.0/-inf/-0' DC XL16'FFF000000000000FFF000000000000000			
0029060	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-inf/+0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF0000000000000000			
0029140	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-inf/+0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
00029180	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-inf/+2.0'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000'			
00291C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-inf/+2.0'			
	FFF00000 00000000			4365	DC XL16'FFF0000000000000FFF000000000000000'			
0029200	D4C1C4C2 D940D5C6			4366	DC CL48'MADBR NF +2.0/-inf/+inf'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0029230	7FF80000 00000000			4367	DC XL16'7FF8000000000007FF00000000000000'			
0029240	D4C1C4C2 40D5C640			4368	DC CL48'MADB NF +2.0/-inf/+inf'			
0029270	7FF80000 00000000			4369				
0029280	D4C1C4C2 D940D5C6			4370				
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
00292C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-inf/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
0029300	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-inf/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A000000000000'			
0029340	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-inf/+SNaN'			
	7FF8A000 00000000			4377				
0029380	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-2.0/-inf'			
	FFF00000 00000000			4379				
00293C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-2.0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF00000000000000'			
0029400	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-2.0/-2.0'			
0029430	C0180000 00000000				DC XL16'C01800000000000000180000000000000'			
0029440	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-2.0'			
0029470 0029480	C0180000 00000000 D4C1C4C2 D940D5C6				DC XL16'C01800000000000000180000000000000000000			
0029480 00294B0	C0100000 00000000			4387				
00294C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-2.0/-0'			
00294C0 00294F0	C0100000 00000000			4389				
0029460	D4C1C4C2 D940D5C6			4399				
0029530	C0100000 00000000				DC XL16'C010000000000000C010000000000000'			
0029540	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-2.0/+0'			
0029570	C0100000 00000000			4393				
0029580	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-2.0/+2.0'			
00295B0	C0000000 00000000			4395				
00295C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-2.0/+2.0'			
00295F0	C000000 00000000				DC XL16'C00000000000000000000000000000000000			
0029600	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF00000000000000'			
0029640	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-2.0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF000000000000000			
0029680	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
00296C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-2.0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000000'			
				4406	DC CL48'MADBR NF +2.0/-2.0/+SNaN'			
	7FF8A000 00000000			4407	DC XL16'7FF8A00000000007FF0A0000000000000'			
0029740					DC CL48'MADB NF +2.0/-2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000000'			
0029780	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF0000000000000000'			
00297C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-0/-inf'			
	FFF00000 00000000				DC XL16'FFF0000000000000FFF000000000000000'			
0029800	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-0/-2.0'			
0029830	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
0029840	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-0/-2.0'			
0029870	C0000000 00000000				DC XL16'C000000000000000000000000000000000000			
0029880	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-0/-0'			
00298B0	80000000 00000000				DC XL16'800000000000000800000000000000000000			
00298C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-0/-0'			
					DC XL16'8000000000000000800000000000000000000			
0029900	D4C1C4C2 D940D5C6			4422	DC CL48'MADBR NF +2.0/-0/+0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
0029930	0000000 00000000			4423	DC XL16'000000000000000000000000000000000000			
0029940	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-0/+0'			
0029970	0000000 00000000				DC XL16'000000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-0/+2.0'			
	40000000 00000000			4427				
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-0/+2.0'			
	40000000 00000000				DC XL16'400000000000000040000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-0/-QNaN'			
	FFF8B000 00000000			4437				
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF0A0000000000' DC CL48'MADB NF +2.0/-0/+SNaN'			
	D4C1C4C2 40D5C640 7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000			
0029B80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+0/-inf'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+0/-inf'			
	FFF00000 00000000				DC XL16'FFF000000000000FFF000000000000000			
0029C00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+0/-2.0'			
	C000000 00000000				DC XL16'C00000000000000000000000000000000000			
	D4C1C4C2 40D5C640			4448				
	C000000 00000000			4449	DC XL16'C0000000000000000000000000000000000			
0029C80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+0/-0'			
	00000000 00000000				DC XL16'000000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+0/-0'			
	00000000 00000000				DC XL16'000000000000000000000000000000000000			
0029D00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+0/+0'			
0029D30	0000000 00000000			4455	DC XL16'000000000000000000000000000000000000			
0029D40	D4C1C4C2 40D5C640			4456	DC CL48'MADB NF +2.0/+0/+0'			
	00000000 00000000			4457	DC XL16'000000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+0/+2.0'			
	40000000 00000000				DC XL16'40000000000000004000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+0/+2.0'			
	40000000 00000000				DC XL16'4000000000000000400000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+0/+inf'			
	7FF00000 00000000				DC XL16'7FF0000000000007FF0000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
					DC CL48'MADB NF +2.0/+0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B0000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+2.0/-inf'			
	FFF00000 00000000 D4C1C4C2 40D5C640				DC XL16'FFF0000000000000FFF0000000000000'			
	FFF00000 00000000				DC CL48'MADB NF +2.0/+2.0/-inf' DC XL16'FFF0000000000000FFF00000000000000			
aaaaeea								

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
002A730	7FF8A000 00000000			4535	DC XL16'7FF8A00000000007FF0A00000000000'			
002A740	D4C1C4C2 40D5C640			4536	DC CL48'MADB NF +2.0/+inf/+SNaN'			
002A770	7FF8A000 00000000			4537	DC XL16'7FF8A00000000007FF0A000000000000'			
002A780	D4C1C4C2 D940D5C6			4538	DC CL48'MADBR NF +2.0/-QNaN/-inf'			
	FFF8B000 00000000			4539				
002A7C0	D4C1C4C2 40D5C640			4540	DC CL48'MADB NF +2.0/-QNaN/-inf'			
	FFF8B000 00000000			4541				
002A800	D4C1C4C2 D940D5C6			4542	DC CL48'MADBR NF +2.0/-QNaN/-2.0'			
002A830	FFF8B000 00000000			4543	DC XL16'FFF8B0000000000FFF8B0000000000000'			
002A840	D4C1C4C2 40D5C640			4544	DC CL48'MADB NF +2.0/-QNaN/-2.0'			
002A870	FFF8B000 00000000			4545	DC XL16'FFF8B00000000000FFF8B000000000000'			
002A880	D4C1C4C2 D940D5C6			4546	DC CL48'MADBR NF +2.0/-QNaN/-0'			
002A8B0	FFF8B000 00000000			4547	DC XL16'FFF8B0000000000FFF8B0000000000000'			
002A8C0	D4C1C4C2 40D5C640			4548	DC CL48'MADB NF +2.0/-QNaN/-0'			
002A8F0	FFF8B000 00000000			4549	DC XL16'FFF8B00000000000FFF8B000000000000'			
002A900	D4C1C4C2 D940D5C6			4550	DC CL48'MADBR NF +2.0/-QNaN/+0'			
002A930	FFF8B000 00000000			4551	DC XL16'FFF8B00000000000FFF8B000000000000'			
002A940	D4C1C4C2 40D5C640			4552				
	FFF8B000 00000000			4553				
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-QNaN/+2.0'			
	FFF8B000 00000000			4555				
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-QNaN/+2.0'			
	FFF8B000 00000000			4557				
	D4C1C4C2 D940D5C6			4558				
	FFF8B000 00000000			4559				
	D4C1C4C2 40D5C640			4560				
	FFF8B000 00000000			4561				
	D4C1C4C2 D940D5C6			4562	, , , ,			
	FFF8B000 00000000			4563				
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-QNaN/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/-QNaN/+SNaN'			
					DC XL16'7FF8A00000000007FF0A0000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/-QNaN/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+SNaN/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF00000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+SNaN/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF0000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+SNaN/-2.0' DC XL16'7FF8A00000000000000000000000000000000000			
	7FF8A000 00000000							
	D4C1C4C2 40D5C640 7FF8A000 00000000				DC CL48'MADB NF +2.0/+SNaN/-2.0' DC XL16'7FF8A00000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+SNaN/-0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000080000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+SNaN/-0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000080000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+SNaN/+0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+SNaN/+0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +2.0/+SNaN/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000400000000000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +2.0/+SNaN/+2.0'			
UUZADCU								
002 ADEO	7FF8A000 00000000			/1 0	DC XL16'7FF8A000000000004000000000000000000			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
002CA30	FFF8B000 00000000			4815	DC XL16'FFF8B0000000000FFF8B000000000000'			
002CA40	D4C1C4C2 40D5C640			4816	DC CL48'MADB NF +inf/-QNaN/+inf'			
002CA70	FFF8B000 00000000			4817	DC XL16'FFF8B00000000000FFF8B000000000000'			
002CA80	D4C1C4C2 D940D5C6			4818	DC CL48'MADBR NF +inf/-QNaN/-QNaN'			
	FFF8B000 00000000			4819	DC XL16'FFF8B0000000000FFF8B0000000000000'			
	D4C1C4C2 40D5C640			4820	DC CL48'MADB NF +inf/-QNaN/-QNaN'			
	FFF8B000 00000000			4821				
	D4C1C4C2 D940D5C6			4822	DC CL48'MADBR NF +inf/-QNaN/+SNaN'			
	7FF8A000 00000000			4823	DC XL16'7FF8A000000000007FF0A000000000000'			
	D4C1C4C2 40D5C640			4824	· · · · · · · · · · · · · · · · · · ·			
	7FF8A000 00000000			4825	DC XL16'7FF8A000000000007FF0A000000000000'			
02CB80	D4C1C4C2 D940D5C6			4826	DC CL48'MADBR NF +inf/+SNaN/-inf'			
	7FF8A000 00000000			4827	DC XL16'7FF8A0000000000FFF000000000000000'			
002CBC0	D4C1C4C2 40D5C640			4828	DC CL48'MADB NF +inf/+SNaN/-inf'			
	7FF8A000 00000000 D4C1C4C2 D940D5C6			4829 4830	DC XL16'7FF8A00000000000FFF000000000000000000000			
	7FF8A000 00000000			4831	DC XL16'7FF8A0000000000C00000000000000000000			
	D4C1C4C2 40D5C640			4832	DC CL48'MADB NF +inf/+SNaN/-2.0'			
	7FF8A000 00000000			4833	, ,			
	D4C1C4C2 D940D5C6			4834	DC CL48'MADBR NF +inf/+SNaN/-0'			
	7FF8A000 00000000			4835	· · · · · · · · · · · · · · · · · · ·			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +inf/+SNaN/-0'			
	7FF8A000 00000000			4837	DC XL16'7FF8A000000000008000000000000000000			
02CD00	D4C1C4C2 D940D5C6			4838	DC CL48'MADBR NF +inf/+SNaN/+0'			
	7FF8A000 00000000			4839	DC XL16'7FF8A000000000000000000000000000000			
002CD40	D4C1C4C2 40D5C640			4840	DC CL48'MADB NF +inf/+SNaN/+0'			
	7FF8A000 00000000			4841	DC XL16'7FF8A00000000000000000000000000000000			
302CD80	D4C1C4C2 D940D5C6			4842				
002CDB0	7FF8A000 00000000			4843	DC XL16'7FF8A0000000000040000000000000000000			
	D4C1C4C2 40D5C640			4844	DC CL48'MADB NF +inf/+SNaN/+2.0'			
002CDF0	7FF8A000 00000000			4845	DC XL16'7FF8A0000000000040000000000000000000			
002CE00	D4C1C4C2 D940D5C6			4846	DC CL48'MADBR NF +inf/+SNaN/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF000000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +inf/+SNaN/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF000000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +inf/+SNaN/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +inf/+SNaN/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +inf/+SNaN/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF +inf/+SNaN/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
	D4C1C4C2 D940D5C6 FFF8B000 00000000				DC CL48'MADBR NF -QNaN/-inf/-inf' DC XL16'FFF8B0000000000FFF8B000000000000			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/-inf/-inf'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/-inf/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/-inf/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/-inf/-0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/-inf/-0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/-inf/+0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
002D830	FFF8B000 00000000			4927	DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640			4928	DC CL48'MADB NF -QNaN/-0/-2.0'			
	FFF8B000 00000000			4929	DC XL16'FFF8B0000000000FFF8B000000000000'			
	D4C1C4C2 D940D5C6			4930	DC CL48'MADBR NF -QNaN/-0/-0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B0000000000'			
	D4C1C4C2 40D5C640 FFF8B000 00000000			4932	DC CL48'MADB NF -QNaN/-0/-0' DC XL16'FFF8B0000000000FFF8B0000000000'			
	D4C1C4C2 D940D5C6			4933	DC CL48'MADBR NF -QNaN/-0/+0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/-0/+0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
002D980	D4C1C4C2 D940D5C6			4938	DC CL48'MADBR NF -QNaN/-0/+2.0'			
	FFF8B000 00000000			4939	DC XL16'FFF8B00000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640			4940	DC CL48'MADB NF -QNaN/-0/+2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/-0/+inf'			
	FFF8B000 00000000 D4C1C4C2 40D5C640				DC XL16'FFF8B00000000000FFF8B00000000000' DC CL48'MADB NF -QNaN/-0/+inf'			
	FFF8B000 00000000			4944	DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6			4946	DC CL48'MADBR NF -QNaN/-0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/-0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
002DB00	D4C1C4C2 D940D5C6			4950	DC CL48'MADBR NF -QNaN/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A000000000007FF0A00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+0/-inf'			
	FFF8B000 00000000 D4C1C4C2 40D5C640				DC XL16'FFF8B00000000000FFF8B0000000000' DC CL48'MADB NF -QNaN/+0/-inf'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+0/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+0/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+0/-0'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+0/-0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+0/+0'			
	FFF8B000 00000000 D4C1C4C2 40D5C640				DC XL16'FFF8B00000000000FFF8B00000000000' DC CL48'MADB NF -QNaN/+0/+0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+0/+2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+0/+2.0'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B000000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+0/+inf'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+0/+inf'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B0000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+0/-QNaN'			
	FFF8B000 00000000 D4C1C4C2 40D5C640				DC XL16'FFF8B00000000000FFF8B0000000000' DC CL48'MADB NF -QNaN/+0/-QNaN'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+0/+SNaN'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
	7FF8A000 00000000			4983	DC XL16'7FF8A00000000007FF0A00000000000'			
002DF40	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+0/+SNaN'			
	7FF8A000 00000000			4985				
002DF80	D4C1C4C2 D940D5C6			4986				
	FFF8B000 00000000			4987				
002DFC0	D4C1C4C2 40D5C640 FFF8B000 00000000			4988	DC CL48'MADB NF -QNaN/+2.0/-inf' DC XL16'FFF8B0000000000FFF8B00000000000'			
002DFF0	D4C1C4C2 D940D5C6			4999				
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
002E040	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+2.0/-2.0'			
	FFF8B000 00000000			4993				
002E080	D4C1C4C2 D940D5C6			4994	DC CL48'MADBR NF -QNaN/+2.0/-0'			
	FFF8B000 00000000			4995				
0002E0C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+2.0/-0'			
	FFF8B000 00000000			4997				
002E100	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+2.0/+0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
002E140	D4C1C4C2 40D5C640 FFF8B000 00000000				DC CL48'MADB NF -QNaN/+2.0/+0' DC XL16'FFF8B0000000000FFF8B00000000000'			
0002E170	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+2.0/+2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
002E1C0	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+2.0/+2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B000000000000'			
002E200	D4C1C4C2 D940D5C6			5006	DC CL48'MADBR NF -QNaN/+2.0/+inf'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000000'			
002E240	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+2.0/+inf'			
	FFF8B000 00000000			5009				
0002E280	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+2.0/-QNaN'			
0002E2B0	FFF8B000 00000000 D4C1C4C2 40D5C640				DC XL16'FFF8B0000000000FFF8B00000000000'			
	FFF8B000 00000000				DC CL48'MADB NF -QNaN/+2.0/-QNaN' DC XL16'FFF8B0000000000FFF8B00000000000'			
002E2F0	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
002E340					DC CL48'MADB NF -QNaN/+2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
002E380	D4C1C4C2 D940D5C6			5018	DC CL48'MADBR NF -QNaN/+inf/-inf'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000000'			
002E3C0					DC CL48'MADB NF -QNaN/+inf/-inf'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
002E400					DC CL48'MADBR NF -QNaN/+inf/-2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
1002E440 1002E470	D4C1C4C2 40D5C640 FFF8B000 00000000				DC CL48'MADB NF -QNaN/+inf/-2.0' DC XL16'FFF8B0000000000FFF8B00000000000'			
002E470					DC CL48'MADBR NF -QNaN/+inf/-0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
002E4C0					DC CL48'MADB NF -QNaN/+inf/-0'			
	FFF8B000 00000000			5029	DC XL16'FFF8B00000000000FFF8B000000000000'			
002E500				5030	DC CL48'MADBR NF -QNaN/+inf/+0'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B0000000000000'			
002E540					DC CL48'MADB NF -QNaN/+inf/+0'			
	FFF8B000 00000000				DC XL16'FFF8B00000000000FFF8B00000000000'			
002E580					DC CL48'MADBR NF -QNaN/+inf/+2.0'			
	FFF8B000 00000000				DC XL16'FFF8B0000000000FFF8B00000000000'			
002E5C0	D4C1C4C2 40D5C640 FFF8B000 00000000				DC CL48'MADB NF -QNaN/+inf/+2.0' DC XL16'FFF8B0000000000FFF8B00000000000'			
UUZEDFU	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+inf/+inf'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
002ED30	7FF8A000 00000000			5095	DC XL16'7FF8A0000000000000000000000000000000			
002ED40	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+SNaN/+0'			
002ED70	7FF8A000 00000000			5097				
002ED80	D4C1C4C2 D940D5C6			5098	· · · · · · · · · · · · · · · · · · ·			
002EDB0	7FF8A000 00000000				DC XL16'7FF8A000000000040000000000000000000000000			
002EDC0	D4C1C4C2 40D5C640 7FF8A000 00000000			5100	DC CL48'MADB NF -QNaN/+SNaN/+2.0' DC XL16'7FF8A000000000004000000000000000000000			
002EDF0	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+SNaN/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000007FF0000000000000			
002EE40	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+SNaN/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF00000000000000'			
002EE80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+SNaN/-QNaN'			
002EEB0	7FF8A000 00000000				DC XL16'7FF8A00000000000FFF8B000000000000'			
002EEC0	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+SNaN/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B000000000000'			
002EF00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF -QNaN/+SNaN/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
002EF40	D4C1C4C2 40D5C640				DC CL48'MADB NF -QNaN/+SNaN/+SNaN'			
002EF80	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A000000000007FF0A00000000000' DC CL48'MADBR NF +SNaN/-inf/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A000000000FFF0000000000000'			
002EFC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-inf/-inf'			
	7FF8A000 00000000			5117				
002F000	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-inf/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000000000000000000000000			
002F040	D4C1C4C2 40D5C640			5120	DC CL48'MADB NF +SNaN/-inf/-2.0'			
002F070	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
002F080	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-inf/-0'			
002F0B0	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000000			
002F0C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-inf/-0'			
1002F0F0 1002F100	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A00000000000800000000000000000000000			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
002F140	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-inf/+0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000			
002F180	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-inf/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000040000000000000000000			
002F1C0	D4C1C4C2 40D5C640			5132	DC CL48'MADB NF +SNaN/-inf/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000004000000000000000000000			
002F200	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-inf/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF000000000000000'			
002F240	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-inf/+inf'			
002F270 002F280	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A000000000007FF0000000000000' DC CL48'MADBR NF +SNaN/-inf/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B0000000000'			
002F2G0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-inf/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A000000000FFF8B0000000000'			
002F300	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-inf/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
002F340	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-inf/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000000'			
002F380	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-2.0/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000FFF000000000000000'			
002F3C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-2.0/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF00000000000000'			
002F400	D4C1C4C2 D940D5C6			5150	DC CL48'MADBR NF +SNaN/-2.0/-2.0'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
002F430	7FF8A000 00000000			5151	DC XL16'7FF8A00000000000C0000000000000000000			
002F440	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-2.0/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000000000000000000000000			
002F480	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-2.0/-0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000008000000000000000000000000			
002F4C0	D4C1C4C2 40D5C640 7FF8A000 00000000				DC CL48'MADB NF +SNaN/-2.0/-0' DC XL16'7FF8A00000000000000000000000000000000000			
1002F4F0 1002F500	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-2.0/+0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000000000000000000000			
002F540	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-2.0/+0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000			
002F580	D4C1C4C2 D940D5C6			5162	DC CL48'MADBR NF +SNaN/-2.0/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000400000000000000000000			
002F5C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-2.0/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000004000000000000000000000000			
002F600	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-2.0/+inf'			
002F630 002F640	7FF8A000 00000000 D4C1C4C2 40D5C640				DC XL16'7FF8A00000000007FF0000000000000000000000			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0000000000000			
002F680	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-2.0/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B0000000000'			
002F6C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-2.0/-QNaN'			
002F6F0	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B000000000000'			
002F700	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A000000000000'			
002F740	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-2.0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000'			
002F780	D4C1C4C2 D940D5C6 7FF8A000 00000000				DC CL48'MADBR NF +SNaN/-0/-inf'			
002F7B0 002F7C0	D4C1C4C2 40D5C640				DC XL16'7FF8A0000000000FFF0000000000000000000000			
	7FF8A000 00000000				DC XL16'7FF8A000000000FFF00000000000000			
002F800	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-0/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000C0000000000000000'			
002F840	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-0/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000C00000000000000000000			
002F880	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-0/-0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000000			
002F8C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-0/-0'			
1002F8F0 1002F900	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A00000000000800000000000000000000000			
	7FF8A000 00000000				DC XL16'7FF8A0000000000000000000000000000000			
002F940	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-0/+0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000000000000000000000			
002F980	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-0/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000040000000000000000000			
002F9C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-0/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000004000000000000000000			
002FA00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-0/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0000000000000000			
002FA40	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-0/+inf'			
1002FA70 1002FA80	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A000000000007FF0000000000000' DC CL48'MADBR NF +SNaN/-0/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B00000000000'			
002FAC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-0/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B0000000000'			
002FB00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-0/+SNaN'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
002FB30	7FF8A000 00000000			5207	DC XL16'7FF8A00000000007FF0A00000000000'			
002FB40	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
002FB80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+0/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF0000000000000'			
002FBC0	D4C1C4C2 40D5C640 7FF8A000 00000000				DC CL48'MADB NF +SNaN/+0/-inf' DC XL16'7FF8A0000000000FFF00000000000000			
1002FBF0 1002FC00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+0/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000000000000000000000000			
002FC40	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+0/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000C000000000000000000			
002FC80	D4C1C4C2 D940D5C6			5218	DC CL48'MADBR NF +SNaN/+0/-0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000			
0002FCC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+0/-0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000000			
002FD00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+0/+0'			
0002FD30 0002FD40	7FF8A000 00000000 D4C1C4C2 40D5C640				DC XL16'7FF8A00000000000000000000000000000000000			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
002FD80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+0/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000400000000000000000			
002FDC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+0/+2.0'			
002FDF0	7FF8A000 00000000			5229				
002FE00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+0/+inf'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF000000000000000'			
002FE40	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+0/+inf'			
	7FF8A000 00000000			5233				
002FE80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+0/-QNaN'			
0002FEB0	7FF8A000 00000000 D4C1C4C2 40D5C640				DC XL16'7FF8A0000000000FFF8B0000000000' DC CL48'MADB NF +SNaN/+0/-QNaN'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B0000000000'			
002FF00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+0/+SNaN'			
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'			
002FF40					DC CL48'MADB NF +SNaN/+0/+SNaN'			
002FF70	7FF8A000 00000000			5241	DC XL16'7FF8A00000000007FF0A000000000000'			
002FF80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+2.0/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF000000000000000'			
002FFC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+2.0/-inf'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF0000000000000'			
0030000	D4C1C4C2 D940D5C6 7FF8A000 00000000				DC CL48'MADBR NF +SNaN/+2.0/-2.0' DC XL16'7FF8A00000000000000000000000000000000000			
0030040	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+2.0/-2.0'			
	7FF8A000 00000000				DC XL16'7FF8A0000000000000000000000000000000			
0030070	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+2.0/-0'			
	7FF8A000 00000000				DC XL16'7FF8A000000000008000000000000000000			
00300C0	D4C1C4C2 40D5C640			5252	DC CL48'MADB NF +SNaN/+2.0/-0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000			
0030100	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+2.0/+0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
0030140	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+2.0/+0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000000000			
0030180 0030180	D4C1C4C2 D940D5C6 7FF8A000 00000000				DC CL48'MADBR NF +SNaN/+2.0/+2.0' DC XL16'7FF8A00000000000400000000000000000000			
00030160 000301C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+2.0/+2.0'			
	7FF8A000 00000000				DC XL16'7FF8A00000000004000000000000000000			
2000110	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+2.0/+inf'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT					
00030230	7FF8A000 00000000			5263	DC XL16'7FF8A00000000007FF000000000000000'				
00030240	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+2.0/+inf'				
00030270	7FF8A000 00000000				DC XL16'7FF8A00000000007FF000000000000000'				
00030280	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+2.0/-QNaN'				
00302B0	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B00000000000'				
000302C0	D4C1C4C2 40D5C640 7FF8A000 00000000				DC CL48'MADB NF +SNaN/+2.0/-QNaN' DC XL16'7FF8A0000000000FFF8B00000000000'				
000302F0	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+2.0/+SNaN'				
	7FF8A000 00000000				DC XL16'7FF8A0000000007FF0A0000000000'				
00030340	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+2.0/+SNaN'				
00030370	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'				
00030380	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+inf/-inf'				
000303B0	7FF8A000 00000000			5275	DC XL16'7FF8A00000000000FFF000000000000000'				
000303C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+inf/-inf'				
000303F0	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF000000000000000'				
00030400	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+inf/-2.0'				
00030430	7FF8A000 00000000			5279					
00030440	D4C1C4C2 40D5C640			5280	DC CL48'MADB NF +SNaN/+inf/-2.0' DC XL16'7FF8A00000000000000000000000000000000000				
00030470 00030480	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+inf/-0'				
00030480 000304B0	7FF8A000 00000000				DC XL16'7FF8A000000000080000000000000000000				
00304C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+inf/-0'				
00304F0	7FF8A000 00000000				DC XL16'7FF8A0000000000800000000000000000				
0030500	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+inf/+0'				
0030530	7FF8A000 00000000			5287					
00030540	D4C1C4C2 40D5C640			5288	· · · ·				
00030570	7FF8A000 00000000			5289					
00030580	D4C1C4C2 D940D5C6			5290	· · · · · · · · · · · · · · · · · · ·				
000305B0	7FF8A000 00000000				DC XL16'7FF8A000000000004000000000000000000000000				
000305C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+inf/+2.0'				
000305F0 00030600	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A000000000004000000000000000000000000				
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF00000000000000				
0030640	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+inf/+inf'				
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF00000000000000				
0030680	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+inf/-QNaN'				
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B00000000000'				
900306C0	D4C1C4C2 40D5C640			5300	DC CL48'MADB NF +SNaN/+inf/-QNaN'				
	7FF8A000 00000000				DC XL16'7FF8A00000000000FFF8B000000000000'				
00030700					DC CL48'MADBR NF +SNaN/+inf/+SNaN'				
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A00000000000'				
00030740	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+inf/+SNaN'				
0030770 0030780	7FF8A000 00000000 D4C1C4C2 D940D5C6				DC XL16'7FF8A000000000007FF0A00000000000' DC CL48'MADBR NF +SNaN/-QNaN/-inf'				
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF00000000000000				
0030760 00307C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-QNaN/-inf'				
	7FF8A000 00000000				DC XL16'7FF8A000000000FFF00000000000000				
0030800	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-QNaN/-2.0'				
	7FF8A000 00000000				DC XL16'7FF8A00000000000C0000000000000000000				
0030840	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-QNaN/-2.0'				
	7FF8A000 00000000			5313	DC XL16'7FF8A00000000000C00000000000000000000				
00030880	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-QNaN/-0'				
	7FF8A000 00000000				DC XL16'7FF8A0000000000080000000000000000000				
000308C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-QNaN/-0'				
	7FF8A000 00000000				DC XL16'7FF8A00000000000800000000000000000000000				
0030900	D4C1C4C2 D940D5C6			5318	DC CL48'MADBR NF +SNaN/-QNaN/+0'				

LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
030930	7FF8A000 00000000			5319	DC XL16'7FF8A00000000000000000000000000000		
030940	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-QNaN/+0'		
030970	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000		
030980	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-QNaN/+2.0'		
0309B0					DC XL16'7FF8A000000000040000000000000000		
0309C0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-QNaN/+2.0'		
00309F0	7FF8A000 00000000				DC XL16'7FF8A000000000040000000000000000		
030A00	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-QNaN/+inf'		
030A30	7FF8A000 00000000				DC XL16'7FF8A0000000007FF0000000000000		
0030A30							
					DC CL48'MADB NF +SNaN/-QNaN/+inf'		
0030A70					DC XL16'7FF8A00000000007FF0000000000000'		
0030A80	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/-QNaN/-QNaN'		
0030AB0	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B0000000000'		
0030AC0	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-QNaN/-QNaN'		
0030AF0					DC XL16'7FF8A0000000000FFF8B0000000000'		
0030B00					DC CL48'MADBR NF +SNaN/-QNaN/+SNaN'		
0030B30					DC XL16'7FF8A00000000007FF0A0000000000'		
0030B40	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/-QNaN/+SNaN'		
9030B70	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000000		
0030B80					DC CL48'MADBR NF +SNaN/+SNaN/-inf'		
0030BB0					DC XL16'7FF8A0000000000FFF0000000000000000		
9030BC0					DC CL48'MADB NF +SNaN/+SNaN/-inf'		
9030BF0					DC XL16'7FF8A00000000000FFF000000000000000'		
9030C00	D4C1C4C2 D940D5C6			5342	DC CL48'MADBR NF +SNaN/+SNaN/-2.0'		
9030C30	7FF8A000 00000000			5343	DC XL16'7FF8A00000000000C000000000000000000000		
0030C40	D4C1C4C2 40D5C640			5344	DC CL48'MADB NF +SNaN/+SNaN/-2.0'		
0030C70	7FF8A000 00000000			5345	DC XL16'7FF8A00000000000C00000000000000000000		
0030C80	D4C1C4C2 D940D5C6			5346	DC CL48'MADBR NF +SNaN/+SNaN/-0'		
0030CB0	7FF8A000 00000000			5347	DC XL16'7FF8A00000000000800000000000000000000		
0030CC0	D4C1C4C2 40D5C640			5348	DC CL48'MADB NF +SNaN/+SNaN/-0'		
0030CF0	7FF8A000 00000000				DC XL16'7FF8A0000000000080000000000000000000		
0030D00	D4C1C4C2 D940D5C6			5350	DC CL48'MADBR NF +SNaN/+SNaN/+0'		
	7FF8A000 00000000				DC XL16'7FF8A0000000000000000000000000000000		
	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+SNaN/+0'		
	7FF8A000 00000000				DC XL16'7FF8A00000000000000000000000000000		
0030D80					DC CL48'MADBR NF +SNaN/+SNaN/+2.0'		
0030DB0					DC XL16'7FF8A0000000000400000000000000000		
0030DC0					DC CL48'MADB NF +SNaN/+SNaN/+2.0'		
0030DE0					DC XL16'7FF8A000000000040000000000000000		
0030E00					DC CL48'MADBR NF +SNaN/+SNaN/+inf'		
0030E30					DC XL16'7FF8A00000000007FF0000000000000		
0030E30					DC CL48'MADB NF +SNaN/+SNaN/+inf'		
	7FF8A000 00000000						
					DC XL16'7FF8A00000000007FF000000000000'		
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+SNaN/-QNaN'		
030EB0					DC XL16'7FF8A0000000000FFF8B0000000000'		
	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+SNaN/-QNaN'		
	7FF8A000 00000000				DC XL16'7FF8A0000000000FFF8B0000000000'		
	D4C1C4C2 D940D5C6				DC CL48'MADBR NF +SNaN/+SNaN/+SNaN'		
	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A0000000000000		
	D4C1C4C2 40D5C640				DC CL48'MADB NF +SNaN/+SNaN/+SNaN'		
0030F70	7FF8A000 00000000				DC XL16'7FF8A00000000007FF0A000000000000'		
		00000400	00000001	5371			
		00030F80	00000001	5372 5373	* LBFPNFFL GOOD EQU *		

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT							
00038DB0 00038DC0 00038DF0 00038E00 00038E30 00038E40 00038E70	D4C1C4C2 D961D4C1 00800000 F8008000 D4C1C4C2 D961D4C1			6384 DC 6385 DC 6386 DC 6387 DC 6388 DC	XL16'0080000F80080000080000F8008000' CL48'MADBR/MADB NF +SNaN/+SNaN/-2.0 FPCR' XL16'00800000F800800000800000F8008000' CL48'MADBR/MADB NF +SNaN/+SNaN/-0 FPCR' XL16'00800000F800800000800000F8008000' CCL48'MADBR/MADB NF +SNaN/+SNaN/+0 FPCR' XL16'00800000F800800000800000F8008000'						
00038E80 00038EB0	D4C1C4C2 D961D4C1 00800000 F8008000			6390 DC 6391 DC	C CL48'MADBR/MADB NF +SNaN/+SNaN/+2.0 FPCR'C XL16'00800000F80080000080000F8008000'						
00038EF0 00038F00 00038F30	D4C1C4C2 D961D4C1			6393 DC 6394 DC 6395 DC	C CL48'MADBR/MADB NF +SNaN/+SNaN/+inf FPCR' C XL16'00800000F800800000800000F8008000' C CL48'MADBR/MADB NF +SNaN/+SNaN/-QNaN FPCF C XL16'00800000F80080000800000F8008000' C CL48'MADBR/MADB NF +SNaN/+SNaN/+SNaN FPCF	₹'					
	00800000 F8008000	00000200	00000001	6397 DC 6398 LBF 6399 *	CL46 MADBK/MADB NF +3NaN/+3NaN/+3NaN/ C XL16'00800000F800800000800000F8008000' FPNFFL_NUM EQU (*-LBFPNFFL_GOOD)/64	`					
00038F80	D4C1C4C2 D940C640	00038F80	00000001	6402 DC	FPOUT_GOOD EQU * C CL48'MADBR F Ovfl 1'						
00038FB0 00038FC0 00038FF0	D4C1C4C2 40C640D6			6404 DC	XL16'FFF000000000000DFEFFFFFFFFFFE' C CL48'MADB F Ovfl 1' C XL16'FFF000000000000DFEFFFFFFFFFFE'						
00039000 00039030 00039040	D4C1C4C2 D940C640 7FF00000 00000000 D4C1C4C2 40C640D6			6407 DC	C CL48'MADBR F Ovfl 2' C XL16'7FF0000000000001FFFFFFFFFFFFF' C CL48'MADB F Ovfl 2'						
00039070	7FF00000 00000000 D4C1C4C2 D940C640			6409 DC 6410 DC	XL16'7FF0000000000001FFFFFFFFFFFFF' C CL48'MADBR F Ufl 1' C XL16'0008000000000016000000000000000000000						
000390C0 000390F0	D4C1C4C2 40C640E4			6412 DC 6413 DC	C CL48'MADB F Ufl 1' C XL16'00080000000000160000000000000002' C CL48'MADBR F Ufl 2'						
00039130	00080000 00000000 D4C1C4C2 40C640E4			6415 DC 6416 DC	XL16'00080000000000000000000000000000001' CL48'MADB F Ufl 2' XL16'0008000000000000000000000000000000000						
00039180 000391B0 000391C0	D4C1C4C2 D940C640 0023FFFF FFFFFFFF D4C1C4C2 40C640D5			6418 DC 6419 DC 6420 DC	C CL48'MADBR F Nmin' C XL16'0023FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF						
00039230	D4C1C4C2 D940C640 3FF90000 0000000D			6422 DC 6423 DC	C XL16'0023FFFFFFFFFFFF0023FFFFFFFFFFFFF C CL48'MADBR F Incr' C XL16'3FF90000000000003FF90000000000000'						
00039270 00039280	D4C1C4C2 40C640C9 3FF90000 0000000D D4C1C4C2 D940C640			6425 DC 6426 DC	C CL48'MADB F Incr' C XL16'3FF900000000000003FF9000000000000' C CL48'MADBR F Trun'						
000392C0	3FF90000 00000007 D4C1C4C2 40C640E3 3FF90000 00000007			6428 DC 6429 DC	C XL16'3FF90000000000073FF9000000000007' C CL48'MADB F Trun' C XL16'3FF90000000000073FF9000000000007'						
		0000000E	00000001	6431 * 6432 *	FPOUT_NUM EQU (*-LBFPOUT_GOOD)/64						
00039330	D4C1C4C2 D961D4C1 00280000 F8002800 D4C1C4C2 D961D4C1	00039300	00000001	6434 DC 6435 DC	FPFLGS_GOOD EQU * C CL48'MADBR/MADB F Ovfl 1 FPCR' C XL16'00280000F800280000280000F8002800' C CL48'MADBR/MADB F Ovfl 2 FPCR'						
00039370	00280000 F8002000 D4C1C4C2 D961D4C1			6437 DC	C CL48 MADBR/MADB F UVII 2 FFCR C XL16'00280000F800200000280000F8002000' C CL48'MADBR/MADB F Ufl 1 FPCR'						

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT				
000393B0	00180000 F8001C00			6439	DC XL16'00180000F8001C0000180000F8001C00'			
000393C0	D4C1C4C2 D961D4C1			6440	·			
000393F0				6441	DC XL16'00180000F800100000180000F8001000'			
00039400 00039430				6442 6443	DC CL48'MADBR/MADB F Nmin FPCR' DC XL16'0000000F800000000000000F8000000'			
00039440				6444				
00039470				6445				
00039480					DC CL48'MADBR/MADB F Trun FPCR'			
000394B0					DC XL16'00080000F800080000080000F8000800'			
		00000007	00000001		LBFPFLGS_NUM EQU (*-LBFPFLGS_GOOD)/64			
				6449				
				6450				
00000460	D4646462 D064D464	000394C0	00000001		LBFPRMO_GOOD_EQU *			
000394C0 000394F0	D4C1C4C2 D961D4C1 3FF90000 00000007				DC CL48'MADBR/MADB RM +NZ RNTE'			
	D4C1C4C2 D961D4C1			6453 6454				
00039530				6455				
	D4C1C4C2 D961D4C1			6456				
	3FF90000 00000008			6457	·			
00039580	D4C1C4C2 D961D4C1			6458	DC CL48'MADBR/MADB RM +NZ RM'			
000395B0				6459				
	D4C1C4C2 D961D4C1			6460	DC CL48'MADBR/MADB RM +NZ RFS'			
000395F0				6461	DC XL16'3FF9000000000073FF900000000007'			
	D4C1C4C2 D961D4C1			6462				
00039630 00039640				6463 6464	DC XL16'BFF9000000000007BFF9000000000007' DC CL48'MADBR/MADB RM -NZ RZ'			
00039670				6465	DC XL16'BFF900000000007BFF90000000007'			
	D4C1C4C2 D961D4C1			6466				
000396B0				6467	DC XL16'BFF900000000007BFF900000000007'			
000396C0	D4C1C4C2 D961D4C1			6468	DC CL48'MADBR/MADB RM -NZ RM'			
000396F0				6469				
00039700				6470				
	BFF90000 00000007				DC XL16'BFF900000000007BFF900000000007'			
	D4C1C4C2 D961D4C1				DC CL48'MADBR/MADB RM +NA RNTE'			
	3FF90000 0000000D				DC XL16'3FF90000000000D3FF90000000000D'			
	D4C1C4C2 D961D4C1 3FF90000 0000000C				DC CL48'MADBR/MADB RM +NA RZ' DC XL16'3FF900000000000C3FF90000000000C'			
	D4C1C4C2 D961D4C1				DC CL48'MADBR/MADB RM +NA RP'			
	3FF90000 0000000D				DC XL16'3FF90000000000D3FF9000000000D'			
	D4C1C4C2 D961D4C1				DC CL48'MADBR/MADB RM +NA RM'			
	3FF90000 0000000C			6479				
	D4C1C4C2 D961D4C1				DC CL48'MADBR/MADB RM +NA RFS'			
	3FF90000 0000000D				DC XL16'3FF90000000000D3FF90000000000D'			
	D4C1C4C2 D961D4C1				DC CL48'MADBR/MADB RM -NA RNTE'			
	BFF90000 0000000D D4C1C4C2 D961D4C1			6483 6484				
	BFF90000 0000000C			6485	·			
	D4C1C4C2 D961D4C1				DC CL48'MADBR/MADB RM -NA RP'			
	BFF90000 0000000C			6487				
	D4C1C4C2 D961D4C1			6488				
	BFF90000 0000000D			6489	DC XL16'BFF90000000000DBFF90000000000D'			
	D4C1C4C2 D961D4C1			6490	•			
	BFF90000 0000000D			6491				
	D4C1C4C2 D961D4C1				DC CL48'MADBR/MADB RM +TZ RNTE'			
	3FF90000 00000008 D4C1C4C2 D961D4C1				DC XL16'3FF9000000000083FF900000000008'			
DUARCODO	D4CIC4CZ D30ID4CI			0494	DC CL48'MADBR/MADB RM +TZ RZ'			

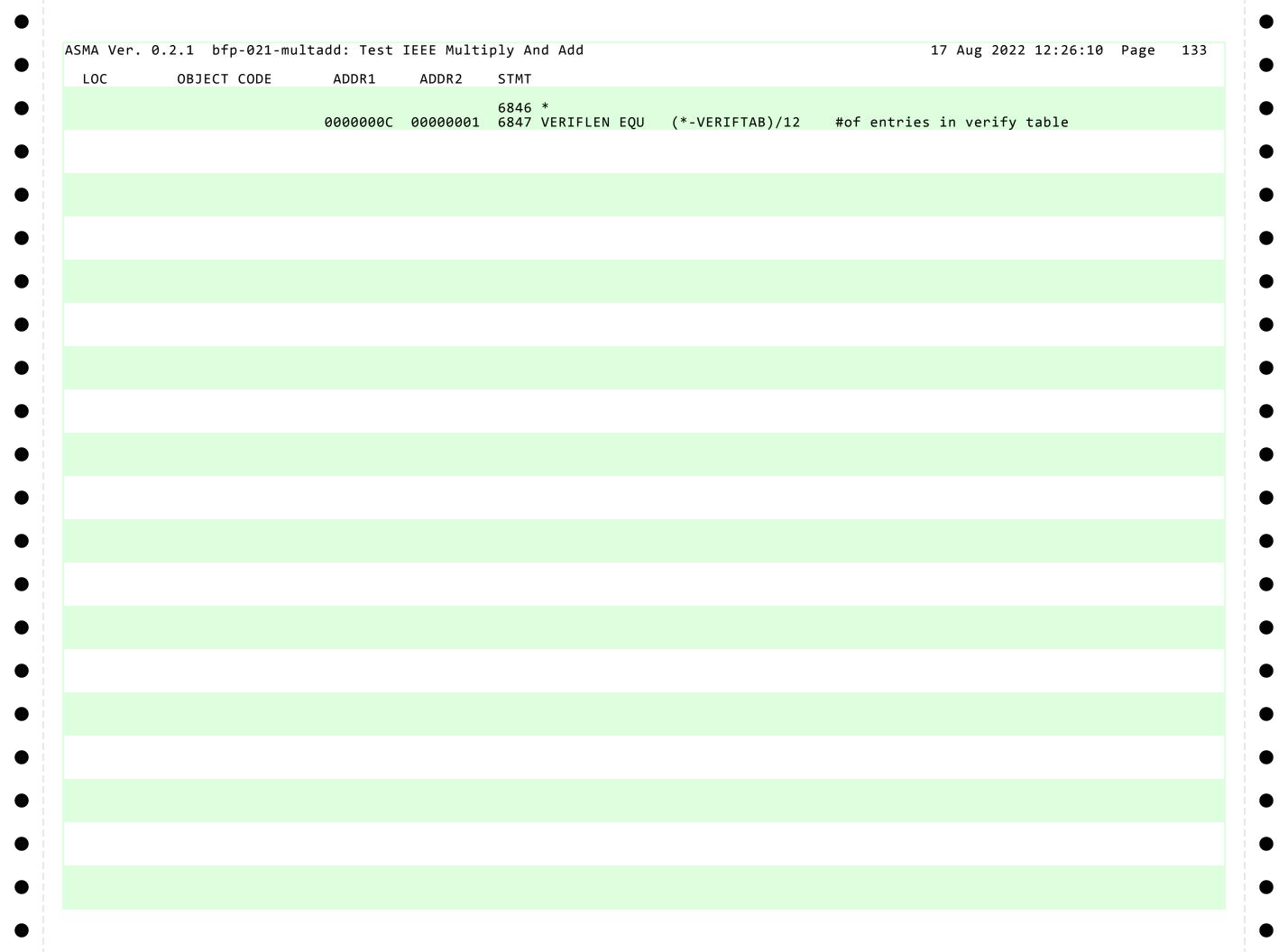
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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
039A30	3FF90000 00000008			6495 DC XL16'3FF90000000000083FF9000000000008'			
039A40	D4C1C4C2 D961D4C1			6496 DC CL48'MADBR/MADB RM +TZ RP'			
039A70	3FF90000 00000009			6497 DC XL16'3FF90000000000093FF9000000000009'			
039A80	D4C1C4C2 D961D4C1			6498 DC CL48'MADBR/MADB RM +TZ RM'			
039AB0	3FF90000 00000008			6499 DC XL16'3FF9000000000083FF9000000000008'			
	D4C1C4C2 D961D4C1			6500 DC CL48'MADBR/MADB RM +TZ RFS'			
	3FF90000 00000009			6501 DC XL16'3FF9000000000093FF9000000000009'			
				6502 DC CL48'MADBR/MADB RM -TZ RNTE'			
039B30				6503 DC XL16'BFF900000000008BFF9000000000008'			
				6504 DC CL48'MADBR/MADB RM -TZ RZ'			
039B70				6505 DC XL16'BFF900000000008BFF9000000000008'			
				6506 DC CL48'MADBR/MADB RM -TZ RP'			
039BB0				6507 DC XL16'BFF900000000008BFF900000000008'			
				6508 DC CL48'MADBR/MADB RM -TZ RM'			
0039BF0 0039C00				6509 DC XL16'BFF900000000009BFF900000000009'			
9039C00				6510 DC CL48'MADBR/MADB RM -TZ RFS' 6511 DC XL16'BFF900000000009BFF9000000000009'			
	D4C1C4C2 D961D4C1			6512 DC CL48'MADBR/MADB RM +TA RNTE'			
	3FF90000 0000001A			6513 DC XL16'3FF90000000001A3FF90000000001A'			
	D4C1C4C2 D961D4C1			6514 DC CL48'MADBR/MADB RM +TA RZ'			
	3FF90000 00000019			6515 DC XL16'3FF9000000000193FF900000000019'			
				6516 DC CL48'MADBR/MADB RM +TA RP'			
				6517 DC XL16'3FF90000000001A3FF90000000001A'			
	D4C1C4C2 D961D4C1			6518 DC CL48'MADBR/MADB RM +TA RM'			
	3FF90000 00000019			6519 DC XL16'3FF9000000000193FF900000000019'			
				6520 DC CL48'MADBR/MADB RM +TA RFS'			
0039D70	3FF90000 00000019			6521 DC XL16'3FF9000000000193FF900000000019'			
0839D80	D4C1C4C2 D961D4C1			6522 DC CL48'MADBR/MADB RM -TA RNTE'			
0039DB0	BFF90000 0000001A			6523 DC XL16'BFF90000000001ABFF900000000001A'			
0039DC0	D4C1C4C2 D961D4C1			6524 DC CL48'MADBR/MADB RM -TA RZ'			
0039DF0				6525 DC XL16'BFF900000000019BFF9000000000019'			
0039E00				6526 DC CL48'MADBR/MADB RM -TA RP'			
	BFF90000 00000019			6527 DC XL16'BFF900000000019BFF9000000000019'			
	D4C1C4C2 D961D4C1			6528 DC CL48'MADBR/MADB RM -TA RM'			
	BFF90000 0000001A			6529 DC XL16'BFF90000000001ABFF90000000001A'			
	D4C1C4C2 D961D4C1			6530 DC CL48'MADBR/MADB RM -TA RFS'			
9039EB0	BFF90000 00000019	0000000	0000001	6531 DC XL16'BFF900000000019BFF900000000019'			
		00000028	00000001	6532 LBFPRMO_NUM EQU (*-LBFPRMO_GOOD)/64			
				6533 * 6534 *			
		aaazaeca	9999999	6535 LBFPRMOF GOOD EQU *			
3039FC0	D4C1C4C2 D961D4C1	30037200	3000001	6536 DC CL48 MADBR/MADB RM +NZ RNTE, RZ FPCR'			
	00080000 00080000			6537 DC XL16'000800000080000008000100080001'			
0039F00				6538 DC CL48'MADBR/MADB RM +NZ RP, RM FPCR'			
0039F30				6539 DC XL16'00080002000800020008000300080003'			
				6540 DC CL48'MADBR/MADB RM +NZ RFS FPCR'			
0039F70				6541 DC XL16'000800070008000700000000000000000000			
0039F80				6542 DC CL48'MADBR/MADB RM -NZ RNTE, RZ FPCR'			
0039FB0	00080000 00080000			6543 DC XL16'0008000000080000008000100080001'			
0039FC0	D4C1C4C2 D961D4C1			6544 DC CL48'MADBR/MADB RM -NZ RP, RM FPCR'			
0039FF0	00080002 00080002			6545 DC XL16'00080002000800020008000300080003'			
				6546 DC CL48'MADBR/MADB RM -NZ RFS FPCR'			
003A030				6547 DC XL16'000800070008000700000000000000000000			
	D4C1C4C2 D961D4C1			6548 DC CL48'MADBR/MADB RM +NA RNTE, RZ FPCR'			
	0008000 00080000			6549 DC XL16'0008000000080000008000100080001'			
1021000	D4C1C4C2 D961D4C1			6550 DC CL48'MADBR/MADB RM +NA RP, RM FPCR'			

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
0003A4C0				6586 HELPERS	DS	OH (R12 base of helper subroutines)	
				6589 *		**************************************	
0003A4C0 0003A4C0	F342 C072 F08E	0003A532	0000008E	6592 PGMCK 6593	DS UNPK		
0003A4C6 0003A4CA	926B C076 DC03 C072 C178	0003A532	0003A536 0003A638	6594 6595	MVI TR	PGMCOMMA,C',' PROGCODE,HEXTRTAB	
0003A4D0 0003A4D6 0003A4DA	F384 C07C F150 9240 C084 DC07 C07C C178	0003A53C	00000150 0003A544 0003A638	6597 6598 6599	UNPK MVI TR	PGMPSW+(0*9)(9),PCOLDPSW+(0*4)(5) PGMPSW+(0*9)+8,C' ' PGMPSW+(0*9)(8),HEXTRTAB	
0003A4E0 0003A4E6	F384 C085 F154 9240 C08D	0003A545	00000154 0003A54D	6601 6602	UNPK MVI		
0003A4EA	DC07 C085 C178	0003A545	0003A638	6603	TR	PGMPSW+(1*9)(8),HEXTRTAB	
0003A4F0 0003A4F6 0003A4FA	F384 C08E F158 9240 C096 DC07 C08E C178	0003A54E	00000158 0003A556 0003A638	6605 6606 6607	UNPK MVI TR	PGMPSW+(2*9)(9),PCOLDPSW+(2*4)(5) PGMPSW+(2*9)+8,C' ' PGMPSW+(2*9)(8),HEXTRTAB	
0003A500	F384 C097 F15C	0003A557	0000015C	6609	UNPK	PGMPSW+(3*9)(9),PCOLDPSW+(3*4)(5)	
0003A506 0003A50A	9240 C09F DC07 C097 C178	0003A557	0003A55F 0003A638	6610 6611	MVI TR	PGMPSW+(3*9)+8,C' ' PGMPSW+(3*9)(8),HEXTRTAB	
0003A510 0003A514	4100 0042 4110 C05E		00000042 0003A51E	6613 6614	LA LA	<pre>R0,L'PROGMSG R0 &lt;== length of message R1,PROGMSG R1&gt; the message text itself</pre>	
0003A518	4520 C27A		0003A73A	6615 6616	BAL	R2,MSG Go display this message	
0003A51C	07FD			6617	BR	R13 Return to caller	
00024515				CC10 DDOCMCC	DC	00166	
	D7D9D6C7 D9C1D440			6619 PROGMSG 6620	DC	OCL66 CL20'PROGRAM CHECK! CODE '	
0003A532 0003A536	6B			6621 PROGCODE 6622 PGMCOMMA	DC	CL4'hhhh' CL1','	
	40D7E2E6 40 88888888 88888888			6623 6624 PGMPSW	DC DC	CL5' PSW ' CL36'hhhhhhhh hhhhhhh hhhhhhhh '	

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LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				6626 ******* 6627 * 6628 ******		VERIFICATI	**************************************
0003A560				6630 VERISUB	DS	0H	
				6631 * 6632 ** 6633 *	Loop	through the VERIF	Y TABLE
0003A560 0003A564 0003A568	4110 C32C 4120 000C		0003A7EC 0000000C	6635 6636 6637	LA LA	R1,VERIFTAB R2,VERIFLEN R3,0	R1> Verify table R2 <== Number of entries Set top of loop
						·	
0003A56A	9846 1000 4D70 C0C2		00000000 0003A582	6639 6640	LM BAS	R4,R6,0(R1) R7,VERIFY	Load verify table values Verify results
	4110 100C		0000A302		LA	R1,12(,R1) R2,R3	Next verify table entry Loop through verify table
0003A578 0003A57C	9500 C278 078D		0003A738	6644 6645	CLI BER	FAILFLAG,X'00' R13	Did all tests verify okay? Yes, return to caller
0003A57E	47F0 F238		00000238	6646	В	FAIL	No, load FAILURE disabled wait PSW
				6648 * 6649 ** 6650 *	Loop	through the ACTUA	L / EXPECTED results
003A582	0D80			6652 VERIFY	BASR	R8,0	Set top of loop
0003A58A 0003A58E	D50F 4000 5030 4770 C0DA 4140 4010 4150 5040 0668	0000000	00000030 0003A59A 00000010 00000040	6655	CLC BNE LA LA BCTR	0(16,R4),48(R5) VERIFAIL R4,16(,R4) R5,64(,R5) R6,R8	Actual results == Expected results? No, show failure Next actual result Next expected result Loop through results
0003A598	07F7			6660	BR	R7	Return to caller

1.00	OBJECT CODE	ADDD1	V D D D 3	СТМТ			
LOC	OBJECT CODE	ADDR1	ADDR2	STMT			
				6758 *	Issue	**************************************	nted to by R1. length in R0
03A73A	4900 C3BC		0003A87C	6761 MSG	СН	R0,=H'0'	Do we even HAVE a message?
03A73E	07D2			6762	BNHR		No, ignore
03A740	9002 C2B0		0003A770	6764	STM	R0,R2,MSGSAVE	Save registers
	47D0 C290		0003A87E 0003A750	6766 6767	CH BNH	R0,=AL2(L'MSGMSG) MSGOK	Message length within limits? Yes, continue
103A/4C	4100 005F		0000005F	6768	LA	R0,L'MSGMSG	No, set to maximum
03A750 03A752 03A754			0003A77C	6770 MSGOK 6771 6772	LR BCTR EX	R2,R0 R2,0 R2,MSGMVC	Copy length to work register Minus-1 for execute Copy message to O/P buffer
	4120 200A 4110 C2C2		0000000A 0003A782	6774 6775	LA LA	R2,1+L'MSGCMD(,R2) R1,MSGCMD	Calculate true command length Point to true command
03A760 03A764 03A768	4780 C2AA		0003A76A	6777 6778 6779	DC BZ DC	X'83',X'12',X'0008' MSGRET H'0'	Issue Hercules Diagnose X'008' Return if successful CRASH for debugging purposes
03A76A 03A76E	9802 C2B0 07F2		0003A770	6781 MSGRET 6782	LM BR	R0,R2,MSGSAVE R2	Restore registers Return to caller
	00000000 00000000 D200 C2CB 1000	0003A78B	00000000	6784 MSGSAVE 6785 MSGMVC	DC MVC	3F'0' MSGMSG(0),0(R1)	Registers save area Executed instruction
03A782 03A78B	D4E2C7D5 D6C8405C 40404040 40404040			6787 MSGCMD 6788 MSGMSG	DC DC	C'MSGNOH * ' CL95' '	*** HERCULES MESSAGE COMMAND *** The message text to be displayed

ASMA Ver.	0.2.1 bfp-021-mul	ltadd: Test IEEE	Multiply Ar	nd Add		17 Aug 2022 12:26:10 Page	132
LOC	OBJECT CODE	ADDR1 ADI	DR2 STMT				
			6790	*****	*****	***************	
			6791	*		VERIFY TABLE	
			6792	******	*****	**************	
			6793				
			6794		Δ(act	ual results), A(expected results), A(#of results)	
			6795		А(асс	dul resules,, A(expected resules), A(not resules)	
					*****	****************	
0003A7EC				VERIFTAB	DC	0F'0'	
0003A7EC	00001000		6799		DC	A(SBFPNFOT)	
0003A7F0	00010000		6800		DC	A(SBFPNFOT_GOOD)	
0003A7F4	00000200		6801		DC	A(SBFPNFOT_NUM)	
			6802	*		·	
0003A7F8	00003000		6803		DC	A(SBFPNFFL)	
0003A7FC	00018000		6804		DC	A(SBFPNFFL GOOD)	
0003A7FC	00018000		6805		DC	A(SBFPNFFL_NUM)	
DODACOOD	00000Z00			*	DC	A(3DI FNEEL NON)	
00001001	00005000		6806	717	D.C	A/CDEDOUT)	
0003A804	00005000		6807		DC	A(SBFPOUT)	
0003A808	00020000		6808		DC	A(SBFPOUT_GOOD)	
0003A80C	00000007		6809		DC	A(SBFPOUT_NUM)	
			6810	*		· · · · · · · · · · · · · · · · · · ·	
0003A810	00005100		6811		DC	A(SBFPFLGS)	
0003A814	000201C0		6812		DC	A(SBFPFLGS GOOD)	
0003A818	00000007		6813		DC	A(SBFPFLGS_NUM)	
00034010	0000007		6814	*	DC	A(30111 E03_No11)	
0003A81C	00005200		6815		DC	A/CDEDDMO\	
					DC	A(SBFPRMO)	
0003A820	00020380		6816		DC	A(SBFPRMO_GOOD)	
0003A824	00000018		6817		DC	A(SBFPRMO_NUM)	
			6818	*			
0003A828	00005500		6819		DC	A(SBFPRMOF)	
0003A82C	00020980		6820		DC	A(SBFPRMOF_GOOD)	
0003A830	00000018		6821		DC	A(SBFPRMOF NUM)	
			6822	*			
0003A834	00006000		6823		DC	A(LBFPNFOT)	
0003A838	00020F80		6824		DC	A(LBFPNFOT GOOD)	
0003A83C	00000400		6825		DC	A(LBFPNFOT NUM)	
OUDAODC	33000-00		6826	*		A(EDITINI OT_NON)	
00021910	00001000				DC	A/I DEDNEEL \	
0003A840	0000A000		6827		DC	A(LBFPNFFL)	
0003A844	00030F80		6828		DC	A(LBFPNFFL_GOOD)	
0003A848	00000200		6829	at.	DC	A(LBFPNFFL_NUM)	
			6830	*			
0003A84C	0000C000		6831		DC	A(LBFPOUT)	
0003A850	00038F80		6832		DC	A(LBFPOUT_GOOD)	
0003A854	0000000E		6833		DC	A(LBFPOUT NUM)	
			6834	*		_	
0003A858	0000C200		6835		DC	A(LBFPFLGS)	
0003A85C	00039300		6836		DC	A(LBFPFLGS GOOD)	
0003A860	00000007		6837		DC	A(LBFPFLGS_NUM)	
OUDAGUU	3300007		6838	*		A(LDITT LOS_NON)	
00021064	00000500				DC	A / I DEDDMO \	
0003A864	0000C500		6839		DC	A(LBFPRMO)	
0003A868	000394C0		6840		DC	A(LBFPRMO_GOOD)	
0003A86C	00000028		6841	at.	DC	A(LBFPRMO_NUM)	
			6842	*			
0003A870	0000CA00		6843		DC	A(LBFPRMOF)	
0003A874	00039EC0		6844		DC	A(LBFPRMOF_GOOD)	
0003A878	00000018		6845		DC	A(LBFPRMOF NUM)	



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LOC 03A87C	OBJECT CODE	ADDR1	ADDR2	STMT 6849	END				
3A87C	0000			6850	END	=H'0'			
3A87E 3A880	005F E68195A3 7A40			6851 6852		=AL2(L'MSGMSG) =CL6'Want: '			
3A886	C796A37A 4040			6853		=CL6'Got: '			

SYMBOL	TYPE	VALUE	LENGTH	DEFN	REFER	ENCES												
	ITPE		LENGIH															
ACTUAL	F	03A70C	4	6751	6678	6713												
EXPECT	F	03A708	4	6750	6680	6685												
HELPERS	Α	00027C	4	201	191	232												
PMULA	J	000000	239756	117														
.ANKEQ	C	03A6DE	3	6747	6686	6714												
IARHEX	С	03A728	16	6753	6754													
LR0	F	0002F0	4	242	210	211	212											
\IL	I	000238	4	199	6646													
ILADR	Ċ	03A6D6	8	6746	6685	6687	6713	6715										
ILDESC	Č	03A6A0	48	6742	6671	0007	0, 25	0, 25										
ILFLAG	X	03A738	1	6755	6644	6667												
ILMSG1	Ĉ	03A68C	68	6740	6672	6673												
ILMSG2	C	03A6D0	53	6744	6705	6706	6733	6734										
						0700	0/33	0/34										
AILPSW	X	0002E0	8	240	199	6600	6601	6603	6604	CCOF	6607	6600	6600	6701	6702	6702	6717	6710
AILVALS	С	03A6E1	36	6748	6689 6719	6690 6721	6691 6722	6693 6723	6694 6725	6695 6726	6697 6727	6698 6729	6699 6730	6701 6731	6702	6703	6717	6718
CMCT	U	000005	1	709	450	649												
CMODES	Č	00064C	1	703	709	453	652											
CREGNT	X	0000∓C	4	243	332	344	389	405	455	464	532	544	589	605	654	663		
CREGTR	X	0002F8	4	244	338	350	397	412	538	550	597	612	505	505	054	505		
PRØ	Ü	000000	1	138	330	330	331	712	330	330	551	012						
PR1	Ü	000000	1	139	330	334	340	391	393	401	458	460	530	534	540	591	593	601
KI	U	000001		133	657	659	540	331	333	401	430	400	330	224	340	J J I	333	001
PR10	U	00000A	1	148														
PR11	U	00000B	1	149														
PR12	U	00000C	1	150														
PR13	U	00000D	1	151														
PR14	U	00000E	1	152														
PR15	Ū	00000F	1	153														
PR2	Ü	000002	1	140														
PR3	Ŭ	000003	1	141														
PR4	Ü	000003	1	142	329	334	340	346	352	390	393	401	408	415	457	460	468	529
N <del>-1</del>	U	000004		172	534	540	546	552	590	593	601	608	615	656	659	666	700	323
PR5	11	000005	1	1/12	554	340	540	332	390	293	001	000	013	050	033	000		
	U		1	143														
PR6	U	000006	1	144														
PR7	U	000007	1	145	222	2.2.4	225	220	240	2 4 4	2.4.5	246	2.47	254	252	252	202	202
PR8	U	000008	1	146	333	334	335	339	340	341	345	346	347	351	352	353	392	393
					394	398	401	402	406	408	409	413	415	416	459	460	461	466
					468	469	533	534	535	539	540	541	545	546	547	551	552	553
					592	593	594	598	601	602	606	608	609	613	615	616	658	659
					660	665	666	667										
PR9	U	000009	1	147														
OODPSW	X	0002D0	8	239	236													
ELPERS	Н	03A4C0	2	6586	156	201												
EXTRTAB	U	03A638	16	6754	6595 6731	6599	6603	6607	6611	6687	6691	6695	6699	6703	6715	6719	6723	6727
MAGE	1	000000	239756	0	0/31													
	U				277													
BFPCT	U	000007	1	1014	277													
BFPF	1	000568	4	583	224	6035												
BFPFLGS COOP	U	00C200	1	1110	280	6835												
BFPFLGS_GOOD	U	039300	1	6433	6448	6836												
BFPFLGS_NUM	U	000007	1	6448	6837													
BFPIN	D	000768	8	962	1014	278												
BFPINRM	F	000810	4	1040	1079	284												
BFPNF	Н	0004D6	2	511	222													

1 U 000001 1 120 325 359 447 453 456 465 525 559 646 652 655 664 6614 663 6639 6641 6673 6706 6734 6775 6785  10 U 00000A 1 129 214 216 218 221 223 225 312 313 318 323 383 384 443 44 512 513 518 523 583 584 642 643  11 U 00000B 1 130	SMA Ver. 0.2.1	·				. ,		uu							1/ Aug	2022	12:26:	TA L9	ge	130
SEPNEF_LOOD   U   036780   1   5373   6398   6328	SYMBOL	TYPE	VALUE	LENGTH	DEFN	REFER	ENCES													
SEMPLE NUM	BFPNFFL	U	00A000	1	1105	274	6827													
SEMPLE NUM	BFPNFFL GOOD	U	030F80	1	5373	6398	6828													
SEPRIFIN F 0807128 4 933 942 272  SEPRIFOR D W 080680 1 1103 273 6823  SEPRIFOR D W 080680 1 1103 273 6823  SEPRIFOR D W 080680 1 1104 8675  SEPRIFOR D W 080680 1 1108 8675  SEPRIFOR D W 080680 1 1079 283  SEPRIFOR D W 080680 1 11079 283  SEPRIFOR D W 080680 1 1079 283  SERVIFOR D W 080680 1 1079 283  SERVIF			000200	1	6398	6829														
BEPRIFIC H 0804E2 2 517 565 BEPRIFOR U 0806800 1 1103 273 6823 BEPRIFOR COOD U 0826800 1 3130 683 BEPRIFOR COOD U 0836800 1 6430 6831 BEPRIFOR U 0806800 1 1130 683 BEPRIFOR U 0806800 1 14630 6832 BEPRIFOR U 0806800 1 1473 283 BEPRIFOR U 0806800 1 16535 684 BEPRIFOR U 0806800 1 150 6835 684 BEPRIFOR U 0806800 1 16535 684 BEPRIFOR U 0806800 1 171 188 BEPRIFOR U 0806800		F		4			272													
BEPNEOT U 0806000 1 1103 273 6823 BEPNEOT, NUM U 080400 1 5376 6825 BEPNEOT, NUM U 080400 1 5376 6825 BEPNEOT, NUM U 080400 1 1108 278 6831 BEPNEOT U 0806000 1 1108 278 6832 BEPNEOT U 0806000 1 1113 285 6849 BEPNEOT U 0806000 1 1113 285 6849 BEPREOT U 0806000 1 1113 285 6849 BEPREOT U 0806000 1 15535 6849 BEPREOT U 0806000 1 16535 6749 BEPREOT U 0806000 1 16535 6593 BEPREOT U 0806000 1 16535 6859 BEPREOT U 0806000 1 16535 6864 BEPREOT U 0806000 1 16535		H																		
BEPRIOT GOOD U 0 208680 1 1 3370 6825 BEPRIOT U 0 000080 1 1108 279 6821 BEPRIOT U 0 000080 1 1108 279 6831 BEPOUT 0 000080 1 1118 8 279 6831 BEPOUT 0 000080 1 1 6481 6439 6832 BEPRIOT U 0 000080 1 1 6481 6439 6832 BEPRIOT U 0 000080 1 1113 285 6843 BEPRIOT U 0 000080 1 10535 6584 6844 BEPRIOT DI 0 000080 1 1641 6532 6844 BEPRIOT DI 0 000080 1 1641 6532 6849 BERRIOT DI 0 000080 1 171 188 6593 BERRIOT DI 0 000080 1 171 188 6593 BERRIOT DI 0 000080 1 171 188 6679 BOIL DI 0 000080 1 171 188 6679 BO				1			6823													
BFPRIOT NUM U 080408 1 5376 6825				1																
BFPOUT OOD U 006000 1 108							0024													
BEPOUT GOOD  0				1			6021													
SPONT NUM				1																
BFPRMC U 000008 1 1079 283 BFPRMC U 000008 1 1113 285 6839 BFPRMC OU 000008 1 1113 285 6839 BFPRMC OU 000008 1 1113 285 6839 BFPRMC OU 039EC0 1 6535 6846 BFPRMC OU 039EC0 1 6535 6859 BFPRMC OU 039EC0 1 6622 6536 6646 BFPRMC OU 039EC0 1 6622 6536 6595 BFPRMC OU 039EC0 1 6622 6536 6646 BFPRMC OU 039EC0 1 6622 6536 6646 BFPRMC OU 039EC0 1 6622 6536 6659 BFPRMC OU 039EC0 1 6622 6536 6646 6672 6765 6765 6764 6766 6766 BFPRMC OU 039EC0 1 6622 6536 6646 6672 6765 6765 6764 6766 6778 6781 BFPRMC OU 039EC0 1 6535 6586 6646 6674 6765 6765 6764 6776 6778 6781 BFPRMC OU 039EC0 1 6535 6776 6776 6776 6786 6734 6775 6785 BFPRMC OU 039EC0 1 6535 6776 6781 BFPRMC OU 039EC0 1 6535 6766 6734 6776 6785 BFPRMC OU 039EC0 1 6535 6766 6774 6781 6786 6734 6775 6785 BFPRMC OU 039EC0 1 6535 6776 6776 6785 BFPRMC OU 039EC0 1 6535 6776 6776 6776 6786 6734 6785 6785 BFPRMC OU 039EC0 1 6535 6776 6776 6776 6776 6786 6734 6785 6785 BFPRMC OU 039EC0 1 6535 6786 6734 6785 6				_			6832													
## SEPRINGT U 0 000008 1 1079 283   ## SEPRINGT U 000C500 1 1115 286 6849   ## SEPRINGT U 000C500 1 1115 286 6849   ## SEPRINGT OCO U 000C600 1 1115 286 6849   ## SEPRINGT OCO U 0000018 1 6534 6845   ## SEPRINGT OCO U 0000018 1 6534 6845   ## SEPRINGT OCO U 0000018 1 6532 6844   ## SEPRINGT OCO U 0000028 1 6532 6849   ## SEPRINGT OCO U 0000028   ## SEPRINGT OCO U 00000028   ## SEPRINGT OCO U 0000028   ## SEPRINGT O		U																		
SEPRMO U 06C800 1 1113 285 6839   SEPRMOF U 06C800 1 1115 286 6843   SEPRMOF GOOD U 039EC0 1 6535 6584 6844   SEPRMOF GOOD U 039EC0 1 6535 6584 6844   SEPRMOF GOOD U 039EC0 1 6451 6532 6841   SEPRMOF MM U 060018 1 6631 6840   SEPRMOF MM U 060018 1 6632 6840   SEPRMOF MM U 060018   SEPRMOF MM U 060018   SEPRMOF MM U 060018   SEPRMOF MM U 060018   SEPRMOF MM U 06018   S		1																		
BEPRMOF_OOD U 0839EC 1 6535 6584 6844 BEPRMOF_OWN U 080018 1 6536 6848 BEPRMOF_OWN U 080028 1 6532 6841 BEPRMOF_OWN U 080028 1 6778 BEPRMOF_OWN U 080028 1 6785 6778 BEPRMOF_OWN U 080028 1 6785 6786 BEPRMOF_OWN U 080028 1 6784 6784 BEPRMOF_OWN U 080028 1 6784 6784 BEPRMOF_OWN U 080028 1 6862 6597 BEPRMOF_OWN U 080138 1 6622 6594 BMCK H 080420 2 185 177 BMCCOMPS U 080138 1 6622 6594 BMCK H 080420 2 185 177 BMCCOMPS U 080138 1 6662 6597 BMCK H 080428 8 198 197 BMCK H 080028 8 198 197 BMCK H 080028 8 198 197 BMCGMOFS U 080000 1 179 190 193 210 212 6613 6666 6672 6785 6785 BMCGMOFS U 080000 1 179 190 193 210 212 6613 6666 6672 6785 6785 BMCGMOFS U 080000 1 179 190 193 210 212 6613 6666 6672 6785 6785 6785 BMCGMOFS U 080000 1 179 190 193 210 212 6613 6666 6672 6785 6785 6785 6785 BMCGMOFS U 080000 1 179 190 193 210 212 6613 6666 6672 6785 6785 6785 6785 BMCGMOFS U 080000 1 179 190 193 210 212 6613 6666 6672 6785 6785 6785 664 6614 6614 6614 6614 6614 6614 6614				<del>-</del>																
BEPRMOF_GOOD U 039EC0 1 6535 6584 6845 BEPRMOF_MUM U 090018 1 6535 6584 6845 BEPRMOF_MUM U 090018 1 6535 6841 BEPRMOF_MUM U 090028 1 633 6840 BEPRMOF_MUM U 090028 1 130 6592 6840 BEPRMOF_MUM U 090008 1 130 6584 6845 BEPRMOF_MUM U 090008 1 130 155 6841 BEPRMOF_MUM U 090008 1 130 155 684 6846 BEPRMOF_MUM U 090008 1 131 155 682 6840 BEPRMOF_MUM U 090009 1 131 15				1																
BFRMO_NUM				1																
BERRMO_NUM U 0 000028 1 6532 6841 BERRMO_NUM U 0 000028 1 6532 6841 BERRMO_NUM U 0 000028 1 6532 6841 BERRMO_NUM F 6 00033C 4 270 221 SG I 0 31A73A 4 6761 6615 6674 6775 SGMSG C 0 31A78B 95 6788 6768 6768 SGMVC I 0 31A750 2 6770 6767 SGRET I 0 31A76A 4 6781 6778 SGSAVE F 0 31A770 4 6781 6778 SGSAVE F 0 31A770 4 6784 6764 6793 SGRET I 0 000000 1 171 132 1792 SGMCOMMA C 0 31A53C 1 6622 6594 SGMCOMMA C 0 31A53C 3 6624 6593 6595 SGMCOMMA C 0 31A53C 3 6624 6594 SGMCOMMA C 0 31A53C 3 6624 6639 6639 6605 6606 6607 6609 6610 6611 SGMCOMMA C 0 31A53C 3 6624 6594 SGMCOMMA C 0 31A53C 3 6624 6619 6609 SGMCOMMA C 0 31A53C 3 6624 6619 6609 SGMCOMMA C 0 31A53C 3 6624 6619 6609 SGMCOMMA C 0 31A53C 3 6624 6594 SGMCOMMA C 0 31A53C 3 6624 6619 6609 SGMCOMMA C 0 31A53C 3 6624 6				1			6844													
BEPRMO_GOOD U 0 0394C0 1 6451 6532 6840 BEPRMO_NUM U 0 000028 1 6532 6841 BPRMO_NUM U 0 000028 1 6532 6841 BPRMO_NUM F	BFPRMOF_NUM	U	000018	1	6584															
BERMONDM ONGF F F 00033C F F 0003C F F F F 0003C F F F F 0003C F F F F F F F F F F F F F F F F F F F			0394C0	1	6451	6532	6840													
DNGF F 00033C 4 276 223 DNGNGNF F 00033C 4 270 221 DNGNGNF F 00032C 4 270 221 DNGNGNF F 00037C 6 6785 6774 DNGNGNG C 0 33A782 9 6787 6774 6775 DNGNG C 0 33A782 9 6787 6774 6775 DNGNG C 0 33A782 9 6788 6788 6785 6766 DNGNG F 0 33A77C 6 6785 6772 DNGNG F 0 33A77C 6 6785 6772 DNGNG F 0 33A77C 6 6785 DNGNG F 0 33A77C 6 6785 DNGNG F 0 33A77C 6 6785 DNGNG F 0 33A77C 6 6781 DNGNG F 0 33A53C 36 6624 6597 6598 6599 6601 6602 6603 6605 6606 6607 6609 6610 6611 DNGNG F 0 33A53C 36 6624 6597 6598 6599 6601 6602 6603 6605 6606 6607 6609 6610 6611 DNGNG F 0 33A53C 36 6624 6597 6598 6599 6601 6602 6603 6605 6606 6607 6609 6610 6611 DNGNG F 0 33A53C 36 6624 6597 6598 6599 6601 6602 6603 6605 6606 6607 6609 6610 6611 DNGNG F 0 33A53C 36 6624 6597 6598 6599 6601 6602 6603 6605 6606 6607 6609 6610 6611 DNGNG F 0 33A53C 36 6624 6593 6595 6594 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6614 DNGNG F 0 33A53C 36 6624 6639 6639 6607 6609 6610 6611 DNGN F 0 33A53C 36 6624 6639 6639 6614 DNGN F 0 33A53C 36 6624 6639 6639 6607 6609 6610 6601 DNGN F 0 33A53C 36 6624 6639 6609 6609 6609 6610 6601 DNGN F 0 33A53C 36 6624 6609 6609 6609 6610 6601 DNGN F 0 33A53C 36 6624 6609 6609 6609 6609 6610 6601 DNGN F 0 33A53C 36 6624 6609 6609 6609 6609 6610 6601				1																
DMGNF F 00032C		F																		
SG		F																		
SGCND C 03A782 9 6787 6774 6775 56M5G C 03A78B 95 6788 6768 6785 6766 56M5G C 03A78B 95 6788 6768 6785 6768 6785 6768 6785 6768 6785 6768 6785 6768 6785 6768 6785 6768 6785 6768 6785 6785		T.					6674	6707	6735											
SGMSG C 03A78B 95 6788 6768 6785 6766 SGMVC I 03A77C 6 6785 6772 SGOW I 03A77C 6 6785 6772 SGOW I 03A77C 6 6785 6772 SGOW I 03A750 2 6770 6781 SGRET I 03A76A 4 6781 6778 SGSAVE F 03A770 4 6784 6784 6784 6781 SGRET I 09A76A 4 6781 6788 6593 SGOW I 09002C 4 190 187 COLDPSW U 09015D 1 171 188 6597 6601 6605 6609 SGWK H 03A4C0 2 6592 192 SGWCMMA C 03A53C 36 6624 6597 6598 6599 6601 6602 6603 6605 6606 6607 6609 6610 6611 SGWCK H 090200 2 185 177 SGGCODE C 03A53C 36 6624 6699 6614 6673 6604 6672 6705 6733 6737 6761 6764 6766 6768 SGOWSG C 03A51E 66 6619 6613 6614 SGOWSG C 03A51E 6619 6613 SGOWSG C 03A51E 6619 SGOWSG C 03A		Ċ						0,0,	0,33											
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										5515	5550	557Z	3074	5, 5,	0,55	5,52	3,04	37,0	5,,1	
3	3	U	000003	1	122	312	329	364	383	390	391	392	398	406	408	413	415	419	443	
	,	U	000003		122														598	

CVMDOL	TVDE	\/^!!!	LENCTH	DEEN	DEEED	FNCFC												
SYMBOL	TYPE	VALUE	LENGTH	DEFN	REFER													
<b>A</b>		000004	1	122	606	608	613	615	619	642	656	657	658	665	666	680	6637	6642
4	U		1	123	318	362	518	562 352	6639 361	6654	6656 453	6678 475	6717 518	6721	6725 546	6729	E 6 1	640
5	U	000005	1	124	318 652	330	346 6654	6657	6666	450 6671	453 6679	6680	6689	530 6693	6697	552 6701	561 6737	649
16	U	000006	1	125	323	673 359	523	559	6639	6658	00/9	0000	6000	6693	0097	6/01	0/3/	
.0 .7	U	000007	1	126	323	333	339	345	351	358	384	394	402	409	416	420	444	461
,	U	000007	_	120	469 620	472 643	483 660	523 667	533 670	539 6640	545 6660	551	558	584	594	602	609	616
8	U	000008	1	127	313 470	335 473	341 484	347 513	353 535	356 541	384 547	395 553	403 556	410 584	417 595	421 603	444 610	462 617
					621	643	661	668	671	681	6652	6658						
9	U	000009	1	128	313 650	336 673	342	348	354	357	451	475	513	536	542	548	554	557
MLONGS	F	00034C	4	282	225													
MSHORTS	F	00031C	4	264	218													
AVER0R5	F	03A710	4	6752	6666	6737												
AVEREGS	F	00023C	4	200	190	193												
BFPCT	U	000007	1	834	259													
BFPF	I	0003EE	4	383	217													
BFPFLGS	U	005100	1	1094	262	6811												
BFPFLGS_GOOD	U	0201C0	1	3199	3214	6812												
BFPFLGS_NUM	U	000007	1	3214	6813													
BFPIN -	F	000674	4	779	834	260												
BFPINRM	F	0006C8	4	860	899	266												
BFPNF	Н	00035C	2	311	215													
BFPNFCT	U	800000	1	759	253													
BFPNFFL	U	003000	1	1089	256	6803												
BFPNFFL_GOOD	U	018000	1	2153	3178	6804												
BFPNFFL_NUM	U	000200	1	3178	6805													
BFPNFIN	F	000654	4	750	759	254												
BFPNFLP	Н	000368	2	317	365													
SBFPNFOT	U	001000	1	1087	255	6799												
SBFPNFOT_GOOD	U	010000	1	1125	2150	6800												
SBFPNFOT_NUM	U	000200	1	2150	6801													
BFPOUT	U	005000	1	1092	261	6807												
SBFPOUT_GOOD	U	020000	1	3181	3196	6808												
BFPOUT_NUM	Ü	000007	1	3196	6809													
BFPRM	I	000468	4	443	219													
BEPRMCT	U	000008	1	899	265	co4 =												
BFPRMO	U	005200	1	1097	267	6815												
BFPRMOF	U	005500	1	1099	268	6819												
SBFPRMOF_GOOD	U	020980	1	3269	3318	6820												
BFPRMOF_NUM	U	000018	1	3318	6821	5015												
BFPRMO_GOOD	U	020380	1	3217	3266	6816												
BFPRMO_NUM	ñ	000018	1	3266	6817													
HORTF	F	00030C	4	258	216													
HORTNF	F	0002FC	4	252	214													
TART	Н	000280	2	209	174	4 7 4	4 = 0	476	404	1007	1000	1000	1001	1007	1000	1100	110-	1100
STRTLABL	U	000000	1	118	168 1110	171 1113	173 1115	176 1123	184	108/	1089	1092	1094	109/	1099	1103	1105	1108
'ERIFAIL	I	03A59A	4	6666	6655													
/ERIFLEN	ñ	00000C	1	6847	6636	c c c c =												
/ERIFTAB	F	03A7EC	4	6798	6847	6635												
/ERIFY	Ī	03A582	2	6652	6640													
'ERINEXT 'ERISUB	I H	03A58E	4	6656	6738													
		03A560	2	6630	233													

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SYMBOL	TYPE	VALUE	LENGTH	DEFN	REFER	ENCES			
ITGOT .2(L'MSGMSG) .6'Got: '	C R	03A6D0 03A87E	6 2	6745 6851	6684 6766	6712			
.6'Want: ' .6'Want: ' 0'	C H	03A87E 03A886 03A880 03A87C	6 6 2	6853 6852 6850	6712 6684 6761				

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ACRO DEFN REFERENCES		
o defined macros		

