

PS/2200 Line Printer Output

RUNID - *RUN2*

ACCOUNT NUMBER - *0*

USERID - *SECURITY*

FILENAME - *PS2200*PR-F(1)*

PAGES - *15*

DATE - *10/17/2016*

TIME - *03:54:34*

SITE - *SITE1 (ROS)*

QUEUE - *PR2*

PRINTER - *Microsoft Print to PDF*

BANNER - *RUN2*

@HDG ***** PS/2200 TEST *****

@UCOB, L TEST, PROG
UCOB- 12R2(141201) LSS- 14R4(141201) 2016 Oct 17 0353:28

OPTIONS: ALLOC, APPLICATION/UDSSRC, NO-AUXPROLOG, CACHE/DO, NO-CALIGN, NO-CLEAR, CODE, NO-CODE-LVE, NO-COMPAT, NO-COMP-BIN,
DEBUG/WALKBACK, DOUBLEQUOTE, SINGLESPEACE, ERRCHECK, NO-ERREXIT, EXTENDED, NO-I18N-IO, NO-IR-DIFF, NO-LEVEL, LINKINFO, LISTCOPY,
LITERAL, MAIN-PROGRAM, MAXERRORS/100000, NO-MONITOR, MULTI-PF, OBJECT, OBJ-PKT, OPTIM, OPTIONS, NO-PARMCHECK, NO-REL18, REMARK,
NO-REORDER, NO-RUNCHECK, SEARCH-PF-SI, NO-SEGCODE, NO-SHIFT, SIGNON, SOURCE, NO-TRACECOPY, NO-TRACEMSG, NO-TRANSFORM, TRIM-CRLF,
NO-UREP-XREF, WARNING, WIDE, XREF, NO-MIN-ALS

```
1          1          IDENTIFICATION DIVISION.
2          PROGRAM-ID. PS2200-TEST.
3          ENVIRONMENT DIVISION.
4          INPUT-OUTPUT SECTION.
5          FILE-CONTROL.
6              SELECT IN-F    ASSIGN TO DISC "TEST.DATA".
7              SELECT OUT-F   ASSIGN TO PRINTER.
8          DATA DIVISION.
9          FILE SECTION.
10         FD  IN-F.
11         01  IN-REC          PIC X(80).
12         FD  OUT-F.
13         01  OUT-REC.
14             02  OUT-NUM     PIC ZZ9.
15             02  OUT-FIL     PIC X(2).
16             02  OUT-DATA    PIC X(80).
17         WORKING-STORAGE SECTION.
18         01  REC-CNT         PIC 9(3) VALUE ZERO.
19         01  IN-EOF-FLAG    PIC X VALUE SPACE.
20             88  IN-EOF     VALUE "E".
21         PROCEDURE DIVISION.
22         MAIN-PROC.
23             OPEN INPUT IN-F OUTPUT OUT-F.
24             PERFORM UNTIL IN-EOF
25                 1          1          READ IN-F AT END SET IN-EOF TO TRUE
26                 1          1          NOT AT END PERFORM PRINT-PROC
27             END-READ
28             END-PERFORM.
29             CLOSE IN-F OUT-F.
30             STOP RUN.
31         PRINT-PROC.
32             ADD 1 TO REC-CNT.
33             MOVE REC-CNT TO OUT-NUM.
34             MOVE SPACE TO OUT-FIL.
35             MOVE IN-REC TO OUT-DATA.
36             WRITE OUT-REC.
```

ALLOCATION LISTING

NAME	DECLARED	ST/LC	OFFSET	SB	SIZE	MACH TYPE	DM	SPAN SIZE	LV	ATTRIBUTES
REC-CNT	18	0	00000003	0	3BYT	CNUM_U			SC	DATA NAME
IN-EOF-FLAG	19	0	00000004	0	1BYT	CHR_STR			SC	IN WORKING-STORAGE SECTION DATA NAME
IN-F	10	0	00000005	0	27WRD	FILE			2	IN WORKING-STORAGE SECTION FILE NAME
OUT-F	12	0	00000061	0	27WRD	FILE			2	FILE NAME
IN-REC	11	BASED	00000000	0	20WRD	CHR_STR			SC	DATA NAME IN FILE SECTION
OUT-REC	13	BASED	00000000	0	85BYT	CHR_STR			1	DATA NAME IN FILE SECTION
OUT-NUM	14	BASED	00000000	0	3BYT	EDIT_NM			2	DATA NAME IN FILE SECTION
OUT-FIL	15	BASED	00000000	27	2BYT	CHR_STR			2	DATA NAME IN FILE SECTION
OUT-DATA	16	BASED	00000001	9	20WRD	CHR_STR			2	DATA NAME IN FILE SECTION
PS2200-TEST	2	1	00001035	0		ENTRY			SC	PROGRAM NAME
MAIN-PROC	22	1	00001060	0		LABEL			SC	PROCEDURE NAME
PRINT-PROC	31	1	00001161	0		LABEL			SC	PROCEDURE NAME
COMPILER GENERATED AREA			00000032	0	2WRD					AUTOMATIC STORAGE IN PS2200-TEST

CROSS REFERENCE LISTING

NAME	ST/LC	OFFSET	SB	SIZE	ATTRIBUTES
IN-EOF					DATA NAME IN WORKING-STORAGE SECTION
DCL 20					
SET 25					
USED 24					
IN-EOF-FLAG		0 00000004	0	1BYT	DATA NAME IN WORKING-STORAGE SECTION
DCL 19					
IN-F		0 00000005	0	27WRD	FILE NAME
DCL 10					
USED 6	23	25	29		
IN-REC		BASED 00000000	0	20WRD	DATA NAME IN FILE SECTION
DCL 11					
USED 35					
MAIN-PROC		1 00001060	0		PROCEDURE NAME
DCL 22					
OUT-DATA		BASED 00000001	9	20WRD	DATA NAME IN FILE SECTION
DCL 16					
SET 35					
OUT-F		0 00000061	0	27WRD	FILE NAME
DCL 12					
USED 7	23	29			
OUT-FIL		BASED 00000000	27	2BYT	DATA NAME IN FILE SECTION
DCL 15					
SET 34					
OUT-NUM		BASED 00000000	0	3BYT	DATA NAME IN FILE SECTION
DCL 14					
SET 33					
OUT-REC		BASED 00000000	0	85BYT	DATA NAME IN FILE SECTION
DCL 13					
USED 36					
PRINT-PROC		1 00001161	0		PROCEDURE NAME
DCL 31					
USED 26					
PS2200-TEST		1 00001035	0		PROGRAM NAME
DCL 2					
REC-CNT		0 00000003	0	3BYT	DATA NAME IN WORKING-STORAGE SECTION
DCL 18					
SET 32					
USED 33					

OBJECT CODE LISTING

Relative Address	Instruction F J A X H I B	Subfields D	FLD LC	Label	Symbolic Instruction F, J A, U, X, B	Skeleton Number	Active Procedure
000000	+	000000000000	R	0	VA Pointer		
001000	+	000000001000	R	1	Base Address		
000005	+	0011000000033			Input/Output	Packet	
000006	+	0020001000000			Input/Output	Packet	
000007	+	0000000000000			Input/Output	Packet	
000010	+	0000000000000			Input/Output	Packet	
000011	+	0000000000041	R	0	Input/Output	Packet	
000012	+	0000000000000			Input/Output	Packet	
000013	+	0000000000000			Input/Output	Packet	
000014	+	0000000000000			Input/Output	Packet	
000015	+	0000000000000			Input/Output	Packet	
000016	+	0000000000000			Input/Output	Packet	
000017	+	0000100000411			Input/Output	Packet	
000020	+	0000000000375	R	0	Input/Output	Packet	
000021	+	0124105123124			Input/Output	Packet	
000022	+	0056104101124			Input/Output	Packet	
000023	+	0101040040040			Input/Output	Packet	
000024	+	0000000000000			Input/Output	Packet	
000025	+	0000000000000			Input/Output	Packet	
000026	+	0000000000000			Input/Output	Packet	
000027	+	0000000000000			Input/Output	Packet	
000030	+	0000000000000			Input/Output	Packet	
000031	+	0000000000000			Input/Output	Packet	
000032	+	0000000000000			Input/Output	Packet	
000033	+	0000000000000			Input/Output	Packet	
000034	+	0000000000000			Input/Output	Packet	
000035	+	0000000000000			Input/Output	Packet	
000036	+	0000000000000			Input/Output	Packet	
000037	+	0000000000000			Input/Output	Packet	
000041	+	0014001000020		\$ (0)	Input/Output	Packet	
000042	+	0010100000000			Input/Output	Packet	
000043	+	0000101010000			Input/Output	Packet	
000044	+	0000000000000			Input/Output	Packet	
000045	+	0000000001320			Input/Output	Packet	
000046	+	0000000000000			Input/Output	Packet	
000047	+	0000000000000			Input/Output	Packet	
000050	+	0000000000000			Input/Output	Packet	
000051	+	0000000000000			Input/Output	Packet	
000052	+	0000000040000			Input/Output	Packet	
000053	+	0000000000000			Input/Output	Packet	
000054	+	0000000000000			Input/Output	Packet	
000055	+	0000000000000			Input/Output	Packet	
000056	+	0000000000000			Input/Output	Packet	
000057	+	0000000000000			Input/Output	Packet	
000060	+	0000000000000			Input/Output	Packet	
000061	+	0011000000033			Input/Output	Packet	
000062	+	0020001000000			Input/Output	Packet	
000063	+	0000000000000			Input/Output	Packet	
000064	+	0000000000000			Input/Output	Packet	
000065	+	0000000000115	R	0	Input/Output	Packet	
000066	+	0000000000000			Input/Output	Packet	
000067	+	0000000000000			Input/Output	Packet	

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000070	+	0000000000000			Input/Output Packet
000071	+	0000000000000			Input/Output Packet
000072	+	0000000000000			Input/Output Packet
000073	+	0000100000500			Input/Output Packet
000074	+	0000000000373	R	0	Input/Output Packet
000075	+	0040040040040			Input/Output Packet

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Relative Address	Instruction F J A X HI B D	Subfields	D FLD LC	Label	Symbolic F, J	Instruction A, U, X, B	Skeleton Number	Active Procedure
000076	+	0040040040040				Input/Output Packet		
000077	+	0040040040040				Input/Output Packet		
000100	+	0000000000000				Input/Output Packet		
000101	+	0000000000000				Input/Output Packet		
000102	+	0000000000000				Input/Output Packet		
000103	+	0000000000000				Input/Output Packet		
000104	+	0000000000000				Input/Output Packet		
000105	+	0000000000000				Input/Output Packet		
000106	+	0000000000000				Input/Output Packet		
000107	+	0000000000000				Input/Output Packet		
000110	+	0000000000000				Input/Output Packet		
000111	+	0000000000000				Input/Output Packet		
000112	+	0000000000000				Input/Output Packet		
000113	+	0000000000000				Input/Output Packet		
000115	+	0014001000020		\$ (0)		Input/Output Packet		
000116	+	0010400000000				Input/Output Packet		
000117	+	0000101000000				Input/Output Packet		
000120	+	0000000000000				Input/Output Packet		
000121	+	0000000001375				Input/Output Packet		
000122	+	0000000000000				Input/Output Packet		
000123	+	0000000000000				Input/Output Packet		
000124	+	0000000000000				Input/Output Packet		
000125	+	0000000000000				Input/Output Packet		
000126	+	0000000040000				Input/Output Packet		
000127	+	0000000000000				Input/Output Packet		
000130	+	0000000000000				Input/Output Packet		
000131	+	0000000000000				Input/Output Packet		
000132	+	0000000000000				Input/Output Packet		
000133	+	0000000000000				Input/Output Packet		
000134	+	0000000000000				Input/Output Packet		
000003	+	0060060060000		\$ (0)		Static Initialization		
000004	+	0040000000000				Static Initialization		
000137	+	0040000000300		\$ (0)		Parameter Packet		
000140	+	0000000000005	R	0		Parameter Packet		
000141	+	0000000001714				Parameter Packet		
000142	+	0040000000300				Parameter Packet		
000143	+	0000000000061	R	0		Parameter Packet		
000144	+	0000000001714				Parameter Packet		
000145	+	0040000000000				Parameter Packet		
000146	+	0400000000135	R	0		Parameter Packet		
000147	+	0000000000110				Parameter Packet		
000150	+	0400000000145	X			Parameter Packet		
000151	+	0022001000036				Input/Output Packet		
000152	+	0020101000000				Input/Output Packet		
000153	+	0000000000001				Input/Output Packet		
000154	+	0400000000005	R	0		Input/Output Packet		
000155	+	0000000000000				Input/Output Packet		
000156	+	0000000000000				Input/Output Packet		
000157	+	0000000000000				Input/Output Packet		
000160	+	0000000000000				Input/Output Packet		
000161	+	0000000000000				Input/Output Packet		
000162	+	0000000000000				Input/Output Packet		
000163	+	0000000000000				Input/Output Packet		
000164	+	0000000000000				Input/Output Packet		

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000165	+	00000000000000	Input/Output	Packet
000166	+	00000000000000	Input/Output	Packet
000167	+	00000000000000	Input/Output	Packet
000170	+	00000000000000	Input/Output	Packet
000171	+	00000000000000	Input/Output	Packet
000172	+	00000000000000	Input/Output	Packet

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Relative Address	Instruction F J A X HI B	Subfields D	D FLD LC	Label	Symbolic F, J	Instruction A, U, X, B	Skeleton Number	Active Procedure
000173	+	0040000000000				Input/Output Packet		
000174	+	0400000000040	R	0		Input/Output Packet		
000175	+	0000000000044				Input/Output Packet		
000176	+	0000017000000				Input/Output Packet		
000177	+	0040000000000				Input/Output Packet		
000200	+	0000000000000				Input/Output Packet		
000201	+	0000000000011				Input/Output Packet		
000202	+	0003014000002				Input/Output Packet		
000203	+	0000000000000				Input/Output Packet		
000204	+	0000000000000				Input/Output Packet		
000205	+	0000000000000				Input/Output Packet		
000206	+	0000000000000				Input/Output Packet		
000207	+	0000000000001				Input/Output Packet		
000210	+	0000000000000				Input/Output Packet		
000211	+	0400000000376	R	0		Input/Output Packet		
000212	+	0000000000121				Input/Output Packet		
000213	+	0022001000036				Input/Output Packet		
000214	+	0020201000000				Input/Output Packet		
000215	+	0000001000000				Input/Output Packet		
000216	+	0400000000061	R	0		Input/Output Packet		
000217	+	0000000000000				Input/Output Packet		
000220	+	0000000000000				Input/Output Packet		
000221	+	0000000000000				Input/Output Packet		
000222	+	0000000000000				Input/Output Packet		
000223	+	0000000000000				Input/Output Packet		
000224	+	0000000000000				Input/Output Packet		
000225	+	0000000000000				Input/Output Packet		
000226	+	0000000000000				Input/Output Packet		
000227	+	0000000000000				Input/Output Packet		
000230	+	0000000000000				Input/Output Packet		
000231	+	0000000000000				Input/Output Packet		
000232	+	0000000000000				Input/Output Packet		
000233	+	0000000000000				Input/Output Packet		
000234	+	0000000000000				Input/Output Packet		
000235	+	0040000000000				Input/Output Packet		
000236	+	0400000000114	R	0		Input/Output Packet		
000237	+	0000000000044				Input/Output Packet		
000240	+	0000017000000				Input/Output Packet		
000241	+	0000000000000				Input/Output Packet		
000242	+	0000000000000				Input/Output Packet		
000243	+	0000000000000				Input/Output Packet		
000244	+	0000000000000				Input/Output Packet		
000245	+	0000000000000				Input/Output Packet		
000246	+	0000000000000				Input/Output Packet		
000247	+	0000000000000				Input/Output Packet		
000250	+	0000000000000				Input/Output Packet		
000251	+	0024001000036				Input/Output Packet		
000252	+	0040400000300				Input/Output Packet		
000253	+	0777000000000				Input/Output Packet		
000254	+	0000000000000				Input/Output Packet		
000255	+	0000000000000				Input/Output Packet		
000256	+	0000000000000				Input/Output Packet		
000257	+	0400000000005	R	0		Input/Output Packet		
000260	+	0000000000000				Input/Output Packet		

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000261	+	0000000000001	Input/Output	Packet
000262	+	0000000000000	Input/Output	Packet
000263	+	0000000000000	Input/Output	Packet
000264	+	0000000000000	Input/Output	Packet
000265	+	0000000000000	Input/Output	Packet
000266	+	0000000000000	Input/Output	Packet

Relative Address	Instruction F J A X HI B	Subfields D	D FLD LC	Label	Symbolic F, J	Instruction A, U, X, B	Skeleton Number	Active Procedure
000267	+	000000000000				Input/Output Packet		
000270	+	000000000000				Input/Output Packet		
000271	+	000000000000				Input/Output Packet		
000272	+	004000000000				Input/Output Packet		
000273	+	040000000040	R	0		Input/Output Packet		
000274	+	000000000044				Input/Output Packet		
000275	+	000001700000				Input/Output Packet		
000276	+	000000000000				Input/Output Packet		
000277	+	000000000000				Input/Output Packet		
000300	+	000000000000				Input/Output Packet		
000301	+	000000000000				Input/Output Packet		
000302	+	000000000000				Input/Output Packet		
000303	+	000000000000				Input/Output Packet		
000304	+	000000000000				Input/Output Packet		
000305	+	000000000000				Input/Output Packet		
000306	+	000000000000				Input/Output Packet		
000307	+	002300000012				Input/Output Packet		
000310	+	001000000000				Input/Output Packet		
000311	+	040000000005	R	0		Input/Output Packet		
000312	+	000000000000				Input/Output Packet		
000313	+	000000000000				Input/Output Packet		
000314	+	000000000000				Input/Output Packet		
000315	+	000000000000				Input/Output Packet		
000316	+	000000000000				Input/Output Packet		
000317	+	000000000000				Input/Output Packet		
000320	+	000000000000				Input/Output Packet		
000321	+	002300000012				Input/Output Packet		
000322	+	000000000000				Input/Output Packet		
000323	+	040000000061	R	0		Input/Output Packet		
000324	+	000000000000				Input/Output Packet		
000325	+	000000000000				Input/Output Packet		
000326	+	000000000000				Input/Output Packet		
000327	+	000000000000				Input/Output Packet		
000330	+	000000000000				Input/Output Packet		
000331	+	000000000000				Input/Output Packet		
000332	+	000000000000				Input/Output Packet		
000333		003040062001				ECS +0, 3, +3, +2, +0, 1		
000334		041000000000				ECS +2, +1, 0, 0, 0, 0, 0		
000335	+	002400100036				Input/Output Packet		
000336	+	004040000040				Input/Output Packet		
000337	+	000001000000				Input/Output Packet		
000340	+	000000000000				Input/Output Packet		
000341	+	000000100000				Input/Output Packet		
000342	+	000000000000				Input/Output Packet		
000343	+	040000000061	R	0		Input/Output Packet		
000344	+	000000000000				Input/Output Packet		
000345	+	000000000000				Input/Output Packet		
000346	+	000000000000				Input/Output Packet		
000347	+	000000000000				Input/Output Packet		
000350	+	000000000000				Input/Output Packet		
000351	+	000000000000				Input/Output Packet		
000352	+	000000000000				Input/Output Packet		
000353	+	000000000000				Input/Output Packet		
000354	+	000000000000				Input/Output Packet		

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000355	+	000000000000			Input/Output Packet
000356	+	004000000000			Input/Output Packet
000357	+	040000000114	R	0	Input/Output Packet
000360	+	000000001375			Input/Output Packet
000361	+	000001700000			Input/Output Packet
000362	+	000000000000			Input/Output Packet

Relative Address	Instruction F J A X HI B D	Subfields	D FLD LC	Label	Symbolic F, J	Instruction A, U, X, B	Skeleton Number	Active Procedure
000363	+	000000000000				Input/Output Packet		
000364	+	000000000000				Input/Output Packet		
000365	+	000000000000				Input/Output Packet		
000366	+	000000000000				Input/Output Packet		
000367	+	004000000000				Input/Output Packet		
000370	+	000000000000				Input/Output Packet		
000371	+	000000000011				Input/Output Packet		
000372	+	000301400002				Input/Output Packet		
000373	+	0117125124055				+ ('OUT-F')		
000374	+	0106000000000						
000375	+	0111116055106				+ ('IN-F')		
000376	+	0124105123124				+ ('TEST. DATA')		
000377	+	0056104101124						
000400	+	0101000000000						
000401	+	0370003000204				+ (+33286783108)		
000402	+	0000000000137	R	0		VA Pointer		
000403	+	0000000000142	R	0		VA Pointer		
000404	+	0000000000000				+ ('')		
000405	+	0000000000034				+ (+1)		
000406	+	0000000000151	R	0		VA Pointer		
000407	+	0000000000213	R	0		VA Pointer		
000410	+	0000000000251	R	0		VA Pointer		
000411	+	0000000000335	R	0		VA Pointer		
000412	+	0000000000307	R	0		VA Pointer		
000413	+	0000000000321	R	0		VA Pointer		
001001	+	0000140104503			\$(1)	HdPkt A6, 0 0 4 1 5, 3		
001002	+	0000140004503				HdPkt A6, 0 0 0 1 5, 3		
001003	+	0000160104503				HdPkt A7, 0 0 4 1 5, 3		
001004	+	0224300100333				HdPkt 1 5, 3, 0 0, B8		
001005	+	0000000070000				HdPkt 0 0 0, OUT-NUM, B7		
001006	+	0000220070001				HdPkt 0, 9, 0, B7		
001007	+	0026400510000				HdPkt 720, 0, *, B9		
000001					\$(0)	UCS\$DATA_VA 'TCA\$\$\$', 'UCS\$EMLIB'		
Main Program Prolog					\$(1)			
001010	23 16 04 00	000002				LR, U R4, 2	1185	
001011	23 16 05 00	000000				LR, U R5, 0		
001012	75 00 10 00 0 00 0100					LBU B8, R0		
001013	27 00 02 00 0 00 0100					LX X2, R0		
001014	27 00 06 00 0 10 0001					LX X6, 01, B8		
001015	10 16 14 00	000000				LA, U A12, 0		
001016	10 16 00 00	000000				LA, U A0, 0		
001017	10 16 11 00	000210				LA, U A9, 136		
000414			X		\$(0)	UCS\$CODELVE 'UCS\$EMLIB' 'RTS\$VARPRO'		
001020	23 00 00 00 0 10 0415					LR R0, 0415, B8		Call to RTS\$VARPRO
001021	07 16 13 00 0 10 0414					CALL 0414, B8		
001022	10 16 00 00	000000				LA, U A0, 0		
001023	10 16 01 00	000000				LA, U A1, 0		
001024	23 00 00 12 1 01 0003					LR R0, *03, X10, B1		LOCL to PS2200-TEST
001025	07 16 00 00	001035	R	1		LOCL PS2200-TEST		
Main Program Epilog								
001026	27 16 01 00	001000	R	1		LX, U X1, \$(1)+01000	1846	
001027	27 16 15 00	001027	R	1		LX, U A1, \$(1)+01027	1184	

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001030 46 02 15 01 1 00 0000
001031 10 16 00 00 000000
000416

X

\$(0)

LXI, H1 A1, *0, X1, B0
LA, U A0, 0
UCS\$CODELVE 'UCS\$EMLIB'

'RTS\$EPILOGUE'
Call to RTS\$EPILOGUE

001032 23 00 00 00 0 10 0417
001033 07 16 13 00 0 10 0416

LR R0, 0417, B8
CALL 0416, B8

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		Relative Address	Instruction F	Subfields J A X HI B D	D FLD LC	Label	Symbolic F, J	Instruction A, U, X, B	Skeleton Number	Active Procedure
Prolog for	PS2200-TEST	001034	73	17 03 00 0 00 0000			RTN Lexical Level	1 Block Number 1		
		001035	75	00 10 00 0 00 0100			LBU B8, R0	1027	PS2200-TEST	
		001036	73	14 02 12 3 01 0034			BUY *034, *X10, B1	1031	PS2200-TEST	
		001037	27	00 01 00 0 10 0401			LX X1, (-33286783108), , B8		PS2200-TEST	
		001040	06	00 01 12 1 01 0000			SX X1, *0, X10, B1		PS2200-TEST	
		001041	04	00 00 12 1 01 0003			SR R0, *03, X10, B1		PS2200-TEST	
		001042	06	00 11 12 1 01 0002			SX X9, *02, X10, B1		PS2200-TEST	
		001043	05	00 00 12 1 01 0007			SZ *07, X10, B1		PS2200-TEST	
		001044	05	00 00 12 1 01 0015			SZ *015, X10, B1		PS2200-TEST	
		001045	05	00 00 12 1 01 0012			SZ *012, X10, B1		PS2200-TEST	
		001046	27	00 11 00 0 00 0012			LX X9, X10		PS2200-TEST	
		001047	01	00 16 12 1 01 0032			SA A14, *032, X10, B1	1855	PS2200-TEST	
		001050	10	04 05 00 0 10 0002			LA, Q2 A5, CGV02, , B8	1803	PS2200-TEST	
		001051	74	10 05 00 0 001057	R	1	JNB A5, CGL001057	763	PS2200-TEST	
		001052	10	00 01 00 0 10 0150			LA A1, 0150, , B8	1905	PS2200-TEST	
		001053	10	16 00 00 0 000001			LA, U A0, 1	1078	PS2200-TEST	
		000420			X		UCS\$CODELVE 'UCS\$EMLIB' 'RTS\$LBRELOAD'		PS2200-TEST	
							. Call to RTS\$LBRELOAD		PS2200-TEST	
		001054	23	00 00 00 0 10 0421			LR R0, 0421, , B8		PS2200-TEST	
		001055	07	16 13 00 0 10 0420			CALL 0420, , B8		PS2200-TEST	
		001056	05	04 00 00 0 10 0002			SZ, Q2 CGV02, , B8	1647	PS2200-TEST	
						CGL001057			PS2200-TEST	
		001057	05	00 00 12 1 01 0024			SZ *CGV024, X10, B1	1647	PS2200-TEST	
21		1				PROCEDURE DIVISION.				
22		1				MAIN-PROC.				
						MAIN-PROC			PS2200-TEST	
						CGL001060			PS2200-TEST	
23		1				OPEN INPUT IN-F OUTPUT OUT-F.				
		001060	10	00 05 00 0 00 0114			LA A5, R12	1836	PS2200-TEST	
		001061	14	16 05 12 1 000027			AA, U A5, *Numbered variable, X10		PS2200-TEST	
		001062	01	00 05 00 0 10 0200			SA A5, 0200, B8	1760	PS2200-TEST	
		001063	10	00 03 00 0 10 0406			LA A3, Ptr 0000000000151, , B8	1835	PS2200-TEST	
		001064	10	16 00 00 0 000000			LA, U A0, 0	1736	PS2200-TEST	
		000422			X		UCS\$CODELVE 'UCS\$EMLIB' 'RTS\$OPEN'		PS2200-TEST	
							. Call to RTS\$OPEN		PS2200-TEST	
		001065	23	00 00 00 0 10 0423			LR R0, 0423, , B8		PS2200-TEST	
		001066	07	16 13 00 0 10 0422			CALL 0422, , B8		PS2200-TEST	
		001067	55	16 00 00 0 000002			TG, U A0, 2	3560	PS2200-TEST	
		001070	74	15 04 00 0 001077	R	1	J CGL001077		PS2200-TEST	
		001071	75	00 07 00 0 10 0040			LBU B7, IN-F, , B8	1936	PS2200-TEST	
		001072	27	16 01 00 0 000404			LX, U X1, 260	1833	PS2200-TEST	
		001073	27	16 04 00 0 000000			LX, U X4, 0	1833	PS2200-TEST	
		001074	23	16 01 00 0 000024			LR, U R1, 20	1929	PS2200-TEST	
		001075	51	16 04 00 0 000001			LXSI, U X4, 1	3204	PS2200-TEST	
		001076	22	00 04 01 3 10 1600			BT X4, B7, *X1, B8, *0		PS2200-TEST	
						CGL001077			PS2200-TEST	
		001077	10	00 03 00 0 10 0407			LA A3, Ptr 0000000000213, , B8	1835	PS2200-TEST	
		001100	10	16 00 00 0 000000			LA, U A0, 0	1736	PS2200-TEST	
							. Call to RTS\$OPEN		PS2200-TEST	
		001101	23	00 00 00 0 10 0423			LR R0, 0423, , B8		PS2200-TEST	
		001102	07	16 13 00 0 10 0422			CALL 0422, , B8		PS2200-TEST	
		001103	55	16 00 00 0 000002			TG, U A0, 2	3560	PS2200-TEST	
		001104	74	15 04 00 0 001115	R	1	J CGL001115		PS2200-TEST	

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001105 75 00 07 00 0 10 0114
001106 27 16 01 00 000404
001107 27 16 04 00 000000
001110 23 16 01 00 000025
001111 51 16 04 00 000001
001112 22 00 04 01 3 10 1600

LBU B7, OUT-F, , B8
LX, U X1, 260
LX, U X4, 0
LR, U R1, 21
LXSI, U X4, 1
BT X4, B7, *X1, B8, *0

1936 PS2200-TEST
1833 PS2200-TEST
1833 PS2200-TEST
1929 PS2200-TEST
3204 PS2200-TEST
PS2200-TEST

	Relative Address	Instruction F J A X HI B D	Subfields	D FLD LC	Label	Symbolic F, J	Instruction A, U, X, B	Skeleton Number	Active Procedure
	001113	10 07 05 01 1 10 0000				LA, Q1	A5, *0, X1, B8		PS2200-TEST
	001114	01 07 05 04 1 07 0000				SA, Q1	A5, *0, X4, B7		PS2200-TEST
24					CGL001115				PS2200-TEST
					PERFORM UNTIL IN-EOF				
	001115	10 07 16 00 0 10 0004				LA, Q1	A14, IN-EOF-FLAG, , B8	1803	PS2200-TEST
	001116	53 16 16 00 000105				TNE, U	A14, 69	701	PS2200-TEST
	001117	74 15 04 00 001142	R	1		J	CGL001142		PS2200-TEST
					CGL001120				PS2200-TEST
	001120	27 16 07 00 000105				LX, U	X7, 69	1802	PS2200-TEST
25					CGL001121				PS2200-TEST
					READ IN-F AT END SET IN-EOF TO TRUE				
	001121	10 00 03 00 0 10 0410				LA	A3, Ptr 000000000251, , B8	1835	PS2200-TEST
	001122	10 16 00 00 000000				LA, U	A0, 0	1753	PS2200-TEST
	000424		X		\$(0)	UCS\$CODELVE	'UCS\$EMLIB' 'RTS\$RECREAD' . Call to RTS\$RECREAD		PS2200-TEST
	001123	23 00 00 00 0 10 0425				LR	R0, 0425, , B8		PS2200-TEST
	001124	07 16 13 00 0 10 0424				CALL	0424, , B8		PS2200-TEST
	001125	55 16 00 00 000002				TG, U	A0, 2	3560	PS2200-TEST
	001126	74 15 04 00 001137	R	1		J	CGL001137		PS2200-TEST
	001127	74 11 00 00 001131	R	1		JB	A0, CGL001131	3558	PS2200-TEST
	001130	74 15 04 00 001133	R	1		J	CGL001133	947	PS2200-TEST
25					CGL001131				PS2200-TEST
					READ IN-F AT END SET IN-EOF TO TRUE				
	001131	06 07 07 00 0 10 0004				SX, Q1	X7, IN-EOF-FLAG, , B8	1646	PS2200-TEST
	001132	74 15 04 00 001137	R	1		J	CGL001137	947	PS2200-TEST
26					CGL001133				PS2200-TEST
27					NOT AT END PERFORM PRINT-PROC				PS2200-TEST
28					END-READ				
					END-PERFORM.				
	001133	27 16 01 00 001136	R	1		LX, U	X1, CGL001136	1091	PS2200-TEST
	001134	06 00 01 12 1 01 0024				SX	X1, *CGV024, X10, B1		PS2200-TEST
	001135	74 15 04 00 001161	R	1		J	PRINT-PROC	947	PS2200-TEST
					CGL001136				PS2200-TEST
	001136	05 00 00 12 1 01 0024				SZ	*CGV024, X10, B1	1083	PS2200-TEST
					CGL001137				PS2200-TEST
	001137	10 07 16 00 0 10 0004				LA, Q1	A14, IN-EOF-FLAG, , B8	1803	PS2200-TEST
	001140	52 16 16 00 000105				TE, U	A14, 69	889	PS2200-TEST
	001141	74 15 04 00 001121	R	1		J	CGL001121		PS2200-TEST
29					CGL001142				PS2200-TEST
					CLOSE IN-F OUT-F.				
	001142	10 00 03 00 0 10 0412				LA	A3, Ptr 000000000307, , B8	1835	PS2200-TEST
	001143	10 16 00 00 000000				LA, U	A0, 0	1709	PS2200-TEST
	000426		X		\$(0)	UCS\$CODELVE	'UCS\$EMLIB' 'RTS\$CLOSE' . Call to RTS\$CLOSE		PS2200-TEST
	001144	23 00 00 00 0 10 0427				LR	R0, 0427, , B8		PS2200-TEST
	001145	07 16 13 00 0 10 0426				CALL	0426, , B8		PS2200-TEST
	001146	10 00 03 00 0 10 0413				LA	A3, Ptr 000000000321, , B8	1835	PS2200-TEST
	001147	10 16 00 00 000000				LA, U	A0, 0	1709	PS2200-TEST
							. Call to RTS\$CLOSE		PS2200-TEST
	001150	23 00 00 00 0 10 0427				LR	R0, 0427, , B8		PS2200-TEST
	001151	07 16 13 00 0 10 0426				CALL	0426, , B8		PS2200-TEST
30					STOP RUN.				
	001152	27 16 01 00 001000	R	1		LX, U	X1, \$(1)+01000	1846	PS2200-TEST
	001153	27 16 15 00 001153	R	1		LX, U	A1, \$(1)+01153	1204	PS2200-TEST

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001154 46 02 15 01 1 00 0000
001155 10 16 00 00 000000
000430

X

\$ (0)

LXI, H1 A1, *0, X1, B0
LA, U A0, 0
UCS\$CODELVE 'UCS\$EMLIB' 'RTS\$STOP'
LR R0, 0431, , B8 . Call to RTS\$STOP
CALL 0430, , B8

001156 23 00 00 00 0 10 0431
001157 07 16 13 00 0 10 0430

PS2200-TEST
PS2200-TEST
PS2200-TEST
PS2200-TEST
PS2200-TEST
PS2200-TEST

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	Relative Address	Instruction F J A X HI B D	Subfields	D FLD LC	Label	Symbolic F, J	Instruction A, U, X, B	Skeleton Number	Active Procedure
31	001160	74 15 04 00	001211 R	1	PRINT-PROC.	J	CGL001211	947	PS2200-TEST
					PRINT-PROC				PS2200-TEST
32			ADD 1 TO REC-CNT.						
	001161	27 16 01 00	001000 R	1		LX, U	X1, \$(1)+01000	1846	PS2200-TEST
	001162	10 00 05 01 1	00 0001			LA	A5, *01, X1, B0	2011	PS2200-TEST
	001163	72 10 05 00 0	10 0003			BDE	A5, REC-CNT, , B8		PS2200-TEST
	001164	07 00 06 00 0	10 0405			ADE	A6, (+1), B8	167	PS2200-TEST
	001165	10 00 05 01 1	00 0002			LA	A5, *02, X1, B0	2058	PS2200-TEST
	001166	72 11 05 00 0	10 0003			DEB	A5, REC-CNT, , B8		PS2200-TEST
33			MOVE REC-CNT TO OUT-NUM.						
	001167	10 00 06 01 1	00 0003			LA	A6, *03, X1, B0	2011	PS2200-TEST
	001170	72 10 06 00 0	10 0003			BDE	A6, REC-CNT, B8		PS2200-TEST
	001171	75 00 07 00 0	10 0114			LBU	B7, OUT-F, , B8	1936	PS2200-TEST
	001172	73 16 07 01 1	00 0004			EDDE	A7, *04, X1, B0	2066	PS2200-TEST
34			MOVE SPACE TO OUT-FIL.						
	001173	05 05 06 00 0	07 0000			SAS, Q4	OUT-FIL, B7	1620	PS2200-TEST
	001174	05 07 06 00 0	07 0001			SAS, Q1	OUT-FIL+01, , B7		PS2200-TEST
35			MOVE IN-REC TO OUT-DATA.						
	001175	75 00 11 00 0	10 0040			LBU	B9, IN-F, B8	1936	PS2200-TEST
	001176	73 14 10 01 1	00 0006			BIM	*06, X1, B0	2018	PS2200-TEST
36			WRITE OUT-REC.						
	001177	05 07 02 12 1	01 0031			SP1, Q1	*Numbered variable, X10, B1	1648	PS2200-TEST
	001200	10 00 10 00 0	00 0114			LA	A8, R12	1836	PS2200-TEST
	001201	14 16 10 12 1	000031			AA, U	A8, *Numbered variable, X10		PS2200-TEST
	001202	01 00 10 00 0	10 0370			SA	A8, 0370, B8	1760	PS2200-TEST
	001203	10 00 03 00 0	10 0411			LA	A3, Ptr 0000000000335, B8	1835	PS2200-TEST
	001204	10 16 00 00	000000			LA, U	A0, 0	1762	PS2200-TEST
	000432			X	\$(0)	UCS\$CODELVE	'UCS\$EMLIB' 'RTS\$RECWRITE' . Call to RTS\$RECWRITE		PS2200-TEST
	001205	23 00 00 00 0	10 0433			LR	R0, 0433, B8		PS2200-TEST
	001206	07 16 13 00 0	10 0432			CALL	0432, B8		PS2200-TEST
	001207	10 00 02 12 1	01 0024			LA	A2, *CGV024, X10, B1	1085	PS2200-TEST
	001210	74 01 02 16 0	000000			JNZ	A2, 0, A2		PS2200-TEST
Epilog for PS2200-TEST					CGL001211				PS2200-TEST
	001211	10 00 16 12 1	01 0032			LA	A14, *032, X10, B1	1842	PS2200-TEST
	001212	27 00 11 11 1	01 0002			LX	X9, *02, X9, B1	1190	PS2200-TEST
	001213	24 16 12 00	000034			AX, U	X10, 28		PS2200-TEST
	001214	73 17 03 00 0	00 0000			RTN			PS2200-TEST
	001215	75 00 10 00 0	00 0100			LBU	B8, R0	1027	PS2200-TEST
	001216	73 14 02 12 3	01 0034			BUY	*034, *X10, B1	1031	PS2200-TEST
	001217	27 00 01 00 0	10 0401			LX	X1, (+33286783108), , B8		PS2200-TEST
	001220	06 00 01 12 1	01 0000			SX	X1, *0, X10, B1		PS2200-TEST
	001221	04 00 00 12 1	01 0003			SR	R0, *03, X10, B1		PS2200-TEST
	001222	06 00 11 12 1	01 0002			SX	X9, *02, X10, B1		PS2200-TEST
	001223	05 00 00 12 1	01 0007			SZ	*07, X10, B1		PS2200-TEST
	001224	05 00 00 12 1	01 0015			SZ	*015, X10, B1		PS2200-TEST
	001225	05 00 00 12 1	01 0012			SZ	*012, X10, B1		PS2200-TEST
	001226	27 00 11 00 0	00 0012			LX	X9, X10		PS2200-TEST
	001227	05 04 02 00 0	10 0002			SP1, Q2	CGV02, B8	1648	PS2200-TEST
	001230	10 00 01 00 0	10 0402			LA	A1, Ptr 0000000000137, B8	1835	PS2200-TEST
	001231	10 16 00 00	000001			LA, U	A0, 1	1907	PS2200-TEST
	000434			X	\$(0)	UCS\$CODELVE	'UCS\$EMLIB' 'RTS\$FILECANG'	1064	PS2200-TEST

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001232	23	00	00	00	0	10	0435	LR	R0,0435,,B8	. Call to	RTS\$FILECANC	PS2200-TEST
001233	07	16	13	00	0	10	0434	CALL	0434,,B8			PS2200-TEST
001234	10	00	01	00	0	10	0403	LA	A1,Ptr 0000000000142,,B8		1835	PS2200-TEST
001235	10	16	00	00			000001	LA,U	A0,1	. Call to	RTS\$FILECANC	1064 PS2200-TEST

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Relative Address	Instruction F J A X HI B D	Subfields D FLD LC	Label	Symbolic F, J	Instruction A, U, X, B	Skeleton Number	Active Procedure
001236	23 00 00 00 0 10 0435			LR	R0, 0435, B8		PS2200-TEST
001237	07 16 13 00 0 10 0434			CALL	0434, B8		PS2200-TEST
001240	27 00 11 11 1 01 0002			LX	X9, *02, X9, B1	1190	PS2200-TEST
001241	24 16 12 00 0 000034			AX, U	X10, 28		PS2200-TEST
001242	73 17 03 00 0 00 0000			RTN			PS2200-TEST

LINKER INFORMATION LISTING

OBJECT MODULE NAME: PROG
 BANK GROUP NAME: PROG\$

EXTERNAL REFERENCES

TC\$\$\$	RTS\$VARPRO	RTS\$EPILOGUE	RTS\$LBRELOAD	RTS\$OPEN	RTS\$RECREAD
RTS\$CLOSE	RTS\$STOP	RTS\$REWRITE	RTS\$FILECANC		

EXTERNAL DEFINITIONS

Internal Name	External Name	LC	Offset	Line Number
PS2200-TEST	CN\$PS2200-T	\$(1)	000001215	
	PS2200-TEST	\$(1)	000001035	2

COMMON BLOCKS

No Common Blocks

ALS INFORMATION

Internal Name	External Name	Size
PS2200-TEST	PS2200-TEST	28

LOGICAL BANK	Location Counter	Octal	Size	Decimal	Bank Type	Bank Storage Mode	Storage Class
PROG\$0	\$ (0)	0437		287	Data	EM	MSU
PROG\$1	\$ (1)	0243		163	Code	EM	MSU
PROG\$3	\$ (3)	0137		95	SDD	EM	MSU

SIZES: CODE (EM8) : 163 DATA: 287
 END UCOB- 0 ERRORS (MAJOR) 0 ERRORS (MINOR)

@XQT TEST.PROG

**** PS/2200 TEST ****

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1 *****
2 Hello PS/2200
3 I came back.
4 *****

**** PS/2200 TEST ****

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@BRKPT PRINT\$