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XX	XX	XX	XX	XX	XX	XX	XX	XX
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XX	XXXXXXXXXXXXX		XXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX		

[illegible]




// JOB PDUMP01 Test PDUMP macro CHAR ENHancement

DATE 08/04/17,CLOCK 18/41/23

\* \*\* SUBDOS submitted

\* \*\* M:\\$myMainframe\\$submit\_work\SUBMIT\_PDUMP01\_JOB05810.txt

\* \*\* from source file (len=63):

\* \*\* M:\\$myMainframe\\$LARRY\_DOS\_CNTL\CHARDUMP\_ENH\_Test\_ASM\_PDUMP.ASM

// OPTION SYSPARM='NOJ1'

// OPTION LINK,LOG,XREF

// EXEC ASSEMBLY

SYMBOL	TYPE	ID	ADDR	LENGTH	LD-ID
	PC (PRIVATE)	001	000000	000150	

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT DOS/VS ASSEMBLER REL 34.0 18.41 17-08-04

2 PRINT NOGEN  
3 \* \*\*\*\*\*  
4 \*  
5 \* Program: PDUMPP  
6 \*  
7 \* Author: Larry Belmontes, Jr.  
8 \*  
9 \* Date: 08/03/2017  
10 \*  
11 \* Description: To display a storage area of 256 bytes  
12 \* via PDUMP macro to demonstrate character translation.  
13 \* Non-printable characters printed as PERIODS (".")  
14 \*  
15 \* Input: None  
16 \*  
17 \* Output: SYSLSST from PDUMP macro  
18 \*  
19 \* Notes:  
20 \*  
21 \* Change Log:  
22 \* LBJ mm/dd/yy Initial version  
23 \*  
24 \* \*\*\*\*\*  
25 \* Released to the public domain.  
26 \*

\*

DOS/VS ASSEMBLER REL 34.0 18.41 17-08-04

LOC	OBJECT	CODE	ADDR1	ADDR2	STMT	SOURCE	STATEMENT	DOS/VS	ASSEMBLER	REL	34.0	18.41	17-08-04
					50	*	-----						
					51	*	PDUMP	CHARTBL					
					52	*	-----						
					53	*	R3	Character table addr					
					54	*	R4	Number of slots to fill					
					55	*	R5	Hex counter					
00001E	4130	2042		00044	56		LA	R3,CHARTBL					
000022	4143	0100		00100	57		LA	R4,256(R3)					
					58		PDUMP	(R3),(R4)					
					68		EOJ						
					71	*							
					72	*	-----	REGISTER EQUATES	-----	*			
					73	*							
					74		REGEQU		REGISTER EQUATES				
000044					100	CHARTBL	DS	CL256					
				00144	101	CHARTBLE	EQU	*					
					102	*							
					103	*	-----	LITERALS	-----	*			
					104	*							
000148					105		LTORG						
000148	5B5BC2D7C4E4D4D7				106			=CL8 '\$\$BPDUMP '					
				00000	107		END	PDUMPP					



SYMBOL	LEN	ID	VALUE	DEFN	REFERENCES
--------	-----	----	-------	------	------------

CHARTBL	00256	001	000044	00100	0040	0056
---------	-------	-----	--------	-------	------	------

CHARTBLE 00001 001 000144 00101

```
FILLDONE 00001 001 00001E 00048
```

FILLME 00001 001 00000E 00043 0047

PDUMPP	00002	001	000000	00032	0107
--------	-------	-----	--------	-------	------

RA	00001	00000A	00094
----	-------	--------	-------

RB	00001	00000B	00095
----	-------	--------	-------

RC	00001	00000C	00096
----	-------	--------	-------

RD	00001	00000D	00097
----	-------	--------	-------

RE	00001	00000E	00098
----	-------	--------	-------

RF	00001	00000F	00099
----	-------	--------	-------

R0	00001	000000	00078
----	-------	--------	-------

R0	00001	0000000	00070
R1	00001	000001	00079

R10	00001	00000A	00088
-----	-------	--------	-------

R10	00001	0000011	00000
R11	00001	00000B	00089

R11	00001	00000E	00009
R12	00001	00000C	00090

R12	000001	000000C	00090
R13	000001	000000D	00091

R13	000001	000000D	00091
R14	000001	000000E	00092

R11	00001	00000E	00092
R15	00001	00000F	00093

R15	00001	000001	00099		
R2	00001	000002	00080	0032	0033

R2	00001	000002	00000	0002	0009							
R3	00001	000003	00081	0040	0044	0046	0046	0056	0057	0061	0065	

R3	000001	0000005	000001	0010	0011	0010	0010	0050
R4	00001	000004	00082	0041	0047	0057	0062	0066

R1	000001	0000001	000002	0011	0017	0037	0002
R5	00001	000005	00083	0042	0044	0045	0045

R5	000001	0000005	000005
R6	000001	0000006	000084

R6	000001	0000000	000004
R7	000001	0000007	000085

R7	000001	0000007	000003
R8	000001	0000008	000006

R8	000001	0000008	000080
R9	000001	0000009	000087

```
=CL8 ' $$BPDUMP '
```

```
00008 001 000148 00106 0063
```

17-08-04

NO ERRORS FOUND

THE FOLLOWING MACRO NAMES HAVE BEEN FOUND IN MACRO INSTRUCTIONS

PDUMP      EOJ      REGEQU

OPTIONS FOR THIS ASSEMBLY - ALIGN, LIST, XREF, LINK, RLD, NODECK, NOEDECK, SYSPARM='NOJ1'

THE ASSEMBLER WAS RUN IN 8286088 BYTES  
END OF ASSEMBLY

// EXEC LNKEDT

JOB PDUMP01 08/04/17 DOS LINKAGE EDITOR DIAGNOSTIC OF INPUT

ACTION TAKEN MAP REL  
LIST ENTRY

08/04/17	PHASE	XFR-AD	LOCORE	HICORE	DSK-AD	ESD	TYPE	LABEL	LOADED	REL-FR	
	PHASE***	400078	400078	4001C7	014	12	05	CSECT	400078	400078	RELOCATABLE

// EXEC

GR 0-7 804000B0 004001C0 4040007A 004000BC 004001BC 000000FF 80000015 00BE6FFF  
GR 8-F 80402888 0A16180C 00000000 182F07F1 00400078 D7C8C1E2 C55C5C5C 00BE6FFF  
FP REG 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000  
CR 0-7 804004E0 0F01DC80 FFFFFFFF 00000000 00000000 00000000 00000000 00000000  
CR 8-F 00000000 00000000 00000000 00000000 00000000 00000000 EF000000 00000200

4000A0 00010203  
4000C0 04050607 08090A0B 0C0D0E0F 10111213 14151617 18191A1B 1C1D1E1F 20212223 .....  
4000E0 24252627 28292A2B 2C2D2E2F 30313233 34353637 38393A3B 3C3D3E3F 40414243 .....  
400100 44454647 48494A4B 4C4D4E4F 50515253 54555657 58595A5B 5C5D5E5F 60616263 .....[.<(!&... ..]\$\*) ;^~/.  
400120 64656667 68696A6B 6C6D6E6F 70717273 74757677 78797A7B 7C7D7E7F 80818283 .....,%\_>?.....abc  
400140 84858687 88898A8B 8C8D8E8F 90919293 94959697 98999A9B 9C9D9E9F A0A1A2A3 defghi.....jkl mnopqr.....st  
400160 A4A5A6A7 A8A9AAAB ACADAEAF B0B1B2B3 B4B5B6B7 B8B9BABB BCBDBEBF C0C1C2C3 uvwxyz.....ABC  
400180 C4C5C6C7 C8C9CACB CCCDCECF D0D1D2D3 D4D5D6D7 D8D9DADB DCDDDEDF E0E1E2E3 DEFghi.....JKL MNOPQR.....ST  
4001A0 E4E5E6E7 E8E9EAEB ECEDEEEF F0F1F2F3 F4F5F6F7 F8F9FAFB FCFDFE03 00000000 UVWXYZ.....0123 456789.....

EOJ PDUMP01

DATE 08/04/17,CLOCK 18/41/23,DURATION 00/00/00



```
*****
* -- DOS/VS Job Summary Statistics -- *
* BG JOB:PDUMP01  Test PDUMP macro   *
* SYSPARM: "1NOJ1                     *
* STEPS:003      MAX RC:10            *
* Normal EOJ                               *
* Time 18:41:23 to 18:41:23           *
-----
*      CPU 0000017 ***00MIN 00.005SEC *
* OVERHEAD 0000008 ***00MIN 00.002SEC *
* ALL BOUND 0000000 ***00MIN 00.000SEC *
-----
* CUU      SIO Count                  *
* 00C              82                 *
* 360             179                 *
* 00E             304                 *
* 362              50                 *
-----
pa:Y dt:U sy:080417 -----
*****
```

JOB Console Log (BG // JOB PDUMP01 |DATE 08/04/17,CLOCK 18/41/23|BG EOJ PDUMP01 )

```
  BG // JOB PDUMP01 Test PDUMP macro CHAR ENHancement
    DATE 08/04/17,CLOCK 18/41/23
  BG * ** SUBDOS submitted
  BG * ** M:\$myMainframe\$submit_work\SUBMIT_PDUMP01_JOB05810.txt
  BG * ** from source file (len=63):
  BG * ** M:\$myMainframe\$LARRY_DOS_CNTL\CHARDUMP_ENH_Test_ASM_PDUMP.ASM
  BG PWRaYdtUS 080417----1ST-----
  BG PWRaYdtUS 080417----NXT-----
  BG EOJ PDUMP01
    DATE 08/04/17,CLOCK 18/41/23,DURATION 00/00/00
```

	XXXXXXXXXXXX	XXXXXXXXXXXX	XX	XX	XX	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XX				
	XXXXXXXXXXXX	XXXXXXXXXXXX	XX	XX	XXX	XXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXX				
	XX	XX	XX	XX	XX	XXX	XXX	XX	XX	XX	XX	XXXX	
	XX	XX	XX	XX	XX	XXXX	XXXX	XX	XX	XX	XX	XX	XXXX
	XX	XX	XX	XX	XX	XXXX	XXXX	XX	XX	XX	XX	XX	XX
	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
	XXXXXXXXXXXX	XX	XX	XX	XX	XX	XX	XX	XXXXXXXXXXXX	XX	XX	XX	XX
	XXXXXXXXXXXX	XX	XX	XX	XX	XX	XXXX	XX	XXXXXXXXXXXX	XX	XX	XX	XX
	XX	XX	XX	XX	XX	XX	XXXX	XX	XX	XX	X	XX	XX
	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XX	XX	XX	XX	XXXXXXXXXXXX	XXXXXXXXXX				
	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XX	XX	XX	XXXXXXXXXXXX	XXXXXXXXXX					

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XXXXXXXXXXXXX	XXXXXXXXXX		XXXXXXXXXX	XX	XXXXXXXXXXXXX		XXXXXXXXXXXXX	
XXXXXXXXXXXXX		XX		XX	XX			XX
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XX	XXXXXXXXXXXXX		XXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXXX		

[illegible]


