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	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XX	XX	XX	XX	XXXXXXXXXXXX	XXXXXXXXX					
	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XX	XX	XX	XXXXXXXXXXXX	XXXXXXXXX						

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XX	XX	XXXXXXXXXX	XXXXXXXXXX	XX	XXXXXXXXXXXXXX
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XX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXX
XX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXX

[illegible]

```
***** START PDUMP01 03121 LAST 04 AUG 17 17.04.26 *****
***** START PDUMP01 03121 LAST 04 AUG 17 17.04.26 *****
```


// JOB PDUMP01 Test PDUMP macro CHAR ENHancement

DATE 08/04/17,CLOCK 17/04/25

* ** SUBDOS submitted

* ** M:\\$myMainframe\\$submit_work\SUBMIT_PDUMP01_JOB05802.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 17.04 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 *

LOC	OBJECT	CODE	ADDR1	ADDR2	STMT	SOURCE STATEMENT	DOS/VS ASSEMBLER REL 34.0 17.04 17-08-04
					28 *	-----	
					29 *	Addressability	
					30 *	-----	
					31 *	R2 Base	
000000	0520				32 PDUMPP	BALR R2,0	
			00002		33	USING *,R2 BaseReg Tell assembler	
					34 *	-----	
					35 *	Build HEX table for PDUMP printing	
					36 *	-----	
					37 *	R3 Character table addr	
					38 *	R4 Number of slots to fill	
					39 *	R5 Hex counter	
000002	4130	2042		00044	40	LA R3,CHARTBL	
000006	4140	00FF		000FF	41	LA R4,255	
00000A	4150	0000		00000	42	LA R5,0	
				0000E	43 FILLME	EQU *	
00000E	4253	0000		00000	44	STC R5,0(R3)	
000012	4155	0001		00001	45	LA R5,1(R5)	
000016	4133	0001		00001	46	LA R3,1(R3)	
00001A	4640	200C		0000E	47	BCT R4,FILLME	
				0001E	48 FILLDONE	EQU *	
					49 *	-----	
					50 *	PDUMP CHARTBL	
					51 *	-----	
					52 *	R3 Character table addr	
					53 *	R4 Number of slots to fill	
					54 *	R5 Hex counter	
00001E	4130	2042		00044	55	LA R3,CHARTBL	
000022	4143	0100		00100	56	LA R4,256(R3)	
					57	PDUMP (R3),(R4)	
					67	EOJ	
					70 *		
					71 *	----- REGISTER EQUATES ----- *	
					72 *		
					73	REGEQU REGISTER EQUATES	
000044					99 CHARTBL	DS CL256	
			00144		100 CHARTBLE	EQU *	
					101 *		
					102 *	----- LITERALS ----- *	
					103 *		
000148					104	LTORG	
000148	5B5BC2D7C4E4D4D7				105	=CL8'\$\$BPDUMP'	
			00000		106	END PDUMPP	

SYMBOL	LEN	ID	VALUE	DEFN	REFERENCES	17-08-04
--------	-----	----	-------	------	------------	----------

CHARTBL 00256 001 000044 00099 0040 0055

CHARTBLE	00001	001	000144	00100
----------	-------	-----	--------	-------

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

FILLME 00001 001 00000E 00043 0047

PDUMPP	00002	001	000000	00032	0106
--------	-------	-----	--------	-------	------

RA	00001	00000A	00093
----	-------	--------	-------

RB	00001	00000B	00094
----	-------	--------	-------

RC	00001	00000C	00095
----	-------	--------	-------

RD	00001	00000D	00096
----	-------	--------	-------

RE	00001	00000E	00097
----	-------	--------	-------

RF	00001	00000F	00098
----	-------	--------	-------

R0	00001	000000	00077
----	-------	--------	-------

R0	00001	0000000	00077
R1	00001	000001	00078

R10	00001	00000A	00087
-----	-------	--------	-------

R10	00001	0000011	00007
R11	00001	00000B	00088

R11	00001	00000E	00000
R12	00001	00000C	00089

R12	000001	000000C	000009
R13	000001	000000D	000090

R13	000001	000000D	000000
R14	000001	000000E	000091

R11	00001	00000E	00091
R15	00001	00000F	00092

R15	00001	000001	00092		
R2	00001	000002	00079	0032	0033

R2	00001	000002	00075	0032	0033						
R3	00001	000003	00080	0040	0044	0046	0046	0055	0056	0060	0064

R3	000001	0000003	000000	0010	0011	0010	0010	0033
R4	00001	000004	00081	0041	0047	0056	0061	0065

R1	000001	0000001	000001	0011	0017	0030	0001
R5	00001	000005	00082	0042	0044	0045	0045

R5	000001	0000005	000002
R6	000001	0000006	000083

R6	000001	0000000	000003
R7	000001	0000007	000084

R7	000001	0000007	000001
R8	000001	0000008	000005

R8	000001	0000008	000085
R9	000001	0000009	000086

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

```
00008 001 000148 00105 0062
```

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		

// 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
400140 84858687 88898A8B 8C8D8E8F 90919293 94959697 98999A9B 9C9D9E9F A0A1A2A3
400160 A4A5A6A7 A8A9AAAB ACADAEAF B0B1B2B3 B4B5B6B7 B8B9BABB BCBDBEBF C0C1C2C3ABC
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 17/04/25,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 17:04:25 to 17:04:25           *
-----
*      CPU 0000028 ***00MIN 00.009SEC *
* OVERHEAD 0000006 ***00MIN 00.002SEC *
* ALL BOUND 0000000 ***00MIN 00.000SEC *
-----
* CUU      SIO Count                   *
* 00C              81                  *
* 360             179                  *
* 00E             299                  *
* 362             50                   *
-----
pa:Y dt:U sy:080417 -----
*****
```

JOB Console Log (BG // JOB PDUMP01 |DATE 08/04/17,CLOCK 17/04/25|BG EOJ PDUMP01)

```
  BG // JOB PDUMP01 Test PDUMP macro CHAR ENHancement
    DATE 08/04/17,CLOCK 17/04/25
  BG * ** SUBDOS submitted
  BG * ** M:\$myMainframe\$submit_work\SUBMIT_PDUMP01_JOB05802.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 17/04/25,DURATION 00/00/00
```

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	XXXXXXXXXXXX	XXXXXXXXXXXX	XX	XX	XXX	XXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXX				
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	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
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XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XX	XXXXXXXXXXXX	XX
XXXXXXXXXXXX	XX	XX	XX	XX	XX
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XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXX	XXXXXX

[illegible]

