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0000 1      .TITLE  LADAMCODE - LPA-11 DED. D/A MICROCODE
0000 2      .IDENT  'V04-000'
0000 3      :
0000 4      :*****
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0000 23     :
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0000 25     :
0000 26     :
0000 27     :
0000 28     :++
0000 29     : FACILITY:      LPA-11 UTILITY ROUTINES
0000 30     :
0000 31     : ABSTRACT:
0000 32     :      THIS MODULE CONTAINS THE LPA-11 DEDICATED D/A MODE MICROCODE
0000 33     :
0000 34     : ENVIRONMENT:  USER MODE (LINKED WITH LPA-11 LOADER PROCESS)
0000 35     :
0000 36     : AUTHOR:      CHUCK SAMUELSON.      CREATION DATE:  NOVEMBER, 1977
0000 37     : MODIFIED BY:
0000 38     :
0000 39     :      AARON BOXER,      JULY - OCTOBER, 1978
0000 40     :      STEVE BECKHARDT,   OCTOBER, 1978
0000 41     :      ADDED MODULE PREFACE AND MICROCODE TYPE TO LAST WORD
0000 42     :      OF MICROCODE
0000 43     :
0000 44     : V02-002      AARON BOXER AND DOUG BELLI      MAY 1979 - JAN 1980
0000 45     :      FIXED VARIOUS MICROCODE BUGS
0000 46     :--
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7D88 1006 469C 5E99 5E98 710E 610E 06CE 162	.WORD	24846, 28942, 24216, 24217, 18076, 4102, 32136, 32137
E98F 9C74 A180 658E 7D8B 7D85 7D89 06DE 163	.WORD	32140, 32133, 32139, 25998,-24192,-25484, -5745, 28801
6493 669E 0180 669F 016A 8D41 7081 06EE 164	.WORD	16784,-29375, 362, 26271, 384, 26270, 25747, 384

LAL
V04

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4C

01FD 65C8 0120 4698 1002 995D	0180 06FE	165	.WORD	25032,-26275, 4098, 18072, 288, 26056, 509, 26290
76B4 0107 2614 8980 9E8C 6182	61C8 0700	166	.WORD	-28406, 24962,-24948,-30336, 9748, 263, 30388, 22161
0180 8944 65CD 469D 0148 6881	66B2 070E	167	.WORD	-29826, 26753, 328, 18077, 26061,-30396, 384, 25753
9E9C 6390 21A0 6489 9E99 21A0	5691 071E	168	.WORD	9904, 8608,-24935, 25737, 8608, 25488,-24932, 8592
9CA5 21A0 9A99 6670 8995 9BA3	8B7E 0720	169	.WORD	24816,-25693,-30315, 26224,-25959, 8608,-25435, 25736
6670 8996 9BAE 60F0 2180 9DA8	6499 072E	170	.WORD	8608,-25176, 8576, 24816,-25682,-30314, 26224,-25947
0000 0000 8135 6297 4190 6296	2680 0730	171	.WORD	261, 25238, 16784, 25239,-32459, 0, 0, 0
0000 0000 0000 0000 0000 0000	2190 073E	172	.WORD	0, 0, 0, 0, 0, 0, 0, 0
0000 0000 0000 0000 0000 0000	60F0 0740	173	.WORD	0, 0, 0, 0, 0, 0, 0, 0
0000 0000 0000 0000 0000 0000	6488 074E	174	.WORD	0, 0, 0, 0, 0, 0, 0, 0
0000 0000 0000 0000 0000 0000	21A0 0750	175	.WORD	0, 0, 0, 0, 0, 0, 0, 0
0000 0000 0000 0000 0000 0000	9AA5 075E	176	.WORD	0, 0, 0, 0, 0, 0, 0, 0
0000 0000 0000 0000 0000 0000	0105 0760	177	.WORD	0, 0, 0, 0, 0, 0, 0, 0
0000 0000 0000 0000 0000 0000	0000 076E	178	.WORD	0, 0, 0, 0, 0, 0, 0, 0
0000 0000 0000 0000 0000 0000	0000 0770	179	.WORD	0, 0, 0, 0, 0, 0, 0, 0
0000 0000 0000 0000 0000 0000	0000 077E	180	.WORD	0, 0, 0, 0, 0, 0, 0, 3
0000 0000 0000 0000 0000 0000	0000 0780	181	.END	

LADAMCODE
Symbol table

- LPA-11 DED. D/A MICROCODE

M 9

16-SEP-1984 01:56:15
5-SEP-1984 01:53:24

VAX/VMS Macro V04-00
[MCLDR.SRC]LADAMCODE.MAR;1

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(2)

LPA\$\$DAMCODE 00000000 RG 01

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
ABS	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
LPASCODE	00000800 (2048.)	01 (1.)	NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC WORD

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	38	00:00:00.07	00:00:00.36
Command processing	129	00:00:00.47	00:00:02.27
Pass 1	76	00:00:01.58	00:00:03.28
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	70	00:00:00.66	00:00:01.50
Symbol table output	2	00:00:00.01	00:00:00.00
Psect synopsis output	1	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	319	00:00:02.81	00:00:07.44

The working set limit was 900 pages.
7362 bytes (15 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
181 source lines were read in Pass 1, producing 15 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

! Macro library statistics !

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:LADAMCODE/OBJ=OBJ\$:LADAMCODE MSRC\$:LADAMCODE/UPDATE=(ENH\$:LADAMCODE)

0233 AH-BT13A-SE
VAX/VMS V4.0

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MELDR

MDL32

LALOAD
MAP

MDL32
MAP

XFLOADER
MAP

LALOAD
LIS

XFLOADER
LIS

LADAMCODE
LIS

LALOAD
LIS

LAMRMCODE
LIS

LADAMCODE
LIS

MARBLI

MARBLI
MAP

LALOAD
MAP

MARBLI
LIS

LADAMCODE
LIS