





```
0001 C
0002 C Version: 'V04-000'
0003 C
0004 C*****
0005 C*
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0023 C*
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0025 C*****
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0027 c
0028 c Author Brian Porter Creation Date 31-MAY-1981
0029
0030
0031
0032 subroutine pcl11t (lun)
0033
0034
0035 c++
0036 c Functional description:
0037 c
0038 c This routine displays error log entries made by the
0039 c PCL11-B transmitter driver.
0040 c
0041 c Modified by:
0042 c
0043 c V03-003 SAR0229 Sharon A. Reynolds, 28-Mar-1984
0044 c Changed the call to UCBSL_OWNUIC to ORBSL_OWNER.
0045 c
0046 c V03-002 SAR0090 Sharon A. Reynolds, 20-Jun-1983
0047 c Changed the carriage control in the 'format' statements
0048 c for use with ERF.
0049 c
0050 c V03-001 SAR0041 Sharon A. Reynolds, 8-Jun-1983
0051 c Removed brief/cryptic support.
0052 c
0053 c v02-002 BP0002 Brian Porter, 23-NOV-1981
0054 c Minor edit.
0055 c
0056 c v02-001 BP0001 Brian Porter, 30-SEP-1981
0057 c Corrected call to uba_mapping.
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Added 'device attention' support.

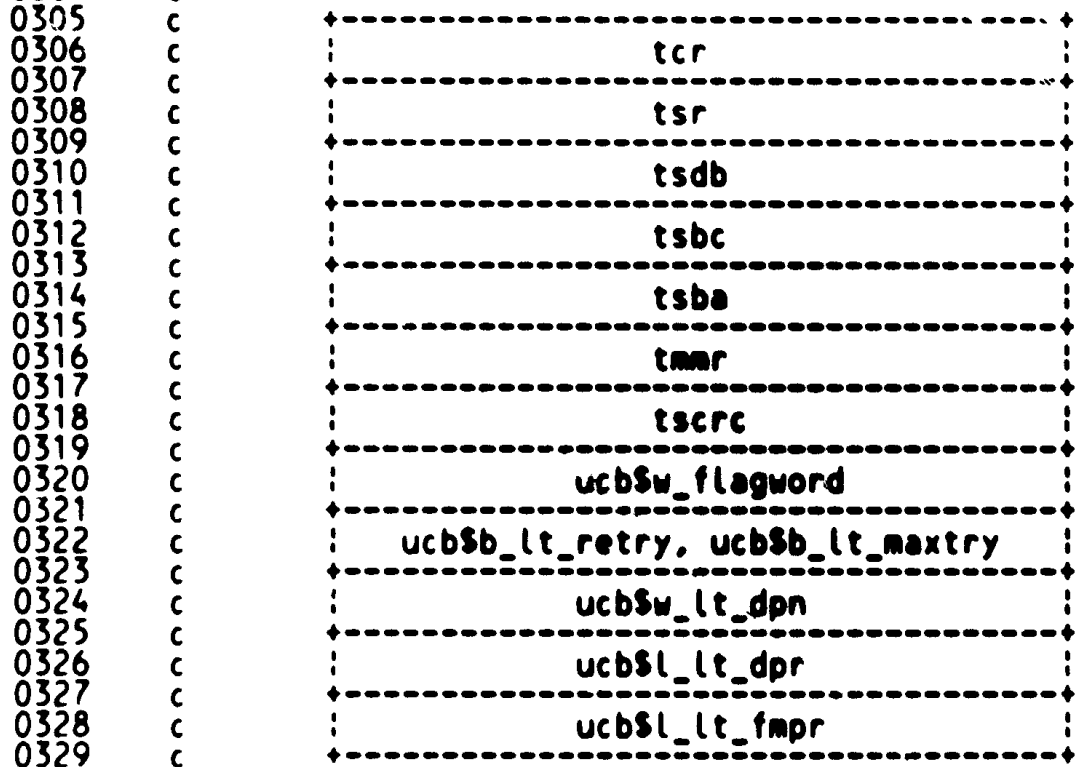
```
include 'src$:msghdr.for /nolist'  
include 'src$:deverr.for /nolist'
```

```
byte lun  
  
integer*4 tcr  
integer*4 tsr  
integer*4 tsdb  
integer*4 tsbc  
integer*4 tsba  
integer*4 tmmr  
integer*4 tscrc  
integer*4 ucb$w_flagword  
integer*4 ucb$l_lt_dpn  
integer*4 ucb$l_lt_dpr  
integer*4 ucb$l_lt_fmpr  
integer*4 ucb$l_lt_pmpr  
integer*4 ucb$l_devdepend  
  
equivalence (emb$l_dv_regsav(0),tcr)  
equivalence (emb$l_dv_regsav(1),tsr)  
equivalence (emb$l_dv_regsav(2),tsdb)  
equivalence (emb$l_dv_regsav(3),tsbc)  
equivalence (emb$l_dv_regsav(4),tsba)  
equivalence (emb$l_dv_regsav(5),tmmr)  
equivalence (emb$l_dv_regsav(6),tscrc)  
equivalence (emb$l_dv_regsav(7),ucb$w_flagword)  
equivalence (emb$l_dv_regsav(9),ucb$l_lt_dpn)  
equivalence (emb$l_dv_regsav(10),ucb$l_lt_dpr)  
equivalence (emb$l_dv_regsav(11),ucb$l_lt_fmpr)  
equivalence (emb$l_dv_regsav(12),ucb$l_lt_pmpr)  
equivalence (emb$l_dv_regsav(13),ucb$l_devdepend)  
  
integer*4 compressc  
integer*4 compress4  
integer*4 destination_code  
integer*4 response_bits  
integer*4 selected_map_register  
  
character*26 v1tcr(0:8)  
data v1tcr(0) /*START TRANSMISSION*/  
data v1tcr(1) /*TRANSMITTER INITIALIZE*/  
data v1tcr(2) /*INHIBIT ADDRESS INCREMENT*/  
data v1tcr(3) /*DATA OUTPUT READY*/  
data v1tcr(4) /*EXTENDED BUS ADDRESS 16*/  
data v1tcr(5) /*EXTENDED BUS ADDRESS 17*/  
data v1tcr(6) /*INTERRUPT ENABLE*/  
data v1tcr(7) /*READ SILO*/  
  
character*16 v2tcr(13:15)  
data v2tcr(13) /*SEND WORD*/  
data v2tcr(14) /*TRANSMITTER NPR*/
```

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0273 data v2tcr(15) /*RETRY IF BUSY*/
0274
0275 character*22 v1tsr(4:15)
0276 data v1tsr(4) /*TDM BUS BUSY*/
0277 data v1tsr(5) /*SOFTWARE REJECT*/
0278 data v1tsr(6) /*BUSY*/
0279 data v1tsr(7) /*SUCCESSFUL TRANSFER*/
0280 data v1tsr(8) /*DATA INPUT READY*/
0281 data v1tsr(9) /*DATA OVERRUN*/
0282 data v1tsr(10) /*TIMEOUT*/
0283 data v1tsr(11) /*MASTER DOWN*/
0284 data v1tsr(12) /*TRANSMISSION ERROR*/
0285 data v1tsr(13) /*MEMORY OVERFLOW*/
0286 data v1tsr(14) /*NON-EXISTENT LOCATION*/
0287 data v1tsr(15) /*ERROR*/
0288
0289 character*29 response_a(0:3)
0290 data response_a(0) /*TRANSMITTER ERROR/OFF-LINE*/
0291 data response_a(1) /*NULL CYCLE*/
0292 data response_a(2) /*VALID WORD/CRC ON DATA LINES*/
0293 data response_a(3) /*LAST CRC ON DATA LINES*/
0294
0295 character*28 response_b(0:3)
0296 data response_b(0) /*RECEIVER ERROR/OFF-LINE*/
0297 data response_b(1) /*NULL CYCLE*/
0298 data response_b(2) /*CHECK FAILURE PREVIOUS DATA*/
0299 data response_b(3) /*ACKNOWLEDGE CRC OR DATA*/
    
```

0300  
 0301  
 0302 c++  
 0303 c The format for the pcl11b transmitter buffer is as follows.















PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	126	PIC CON REL LCL SHR EXE RD NOWRT LONG
1 \$PDATA	8	PIC CON REL LCL SHR NOEXE RD NOWRT LONG
2 \$LOCAL	548	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
3 \$IIOCOMMON	1247	PIC OVR REL GBL SHR NOEXE RD WRT LONG
Total Space Allocated		1929

ENTRY POINTS

Address	Type	Name
0-00000000		PCL11T_Q10

VARIABLES

Address	Type	Name	Address	Type	Name
AP-00000008	I*2	EMBSW DV FUNC	2-00000200	I*4	I
3-00000442	CHAR	IOS_ABORT	3-0000034D	CHAR	IOS_ACCESS
3-000003C2	CHAR	IOS_ACPCONTROL	3-000004B3	CHAR	IOS_AVAILABLE
3-00000297	CHAR	IOS_CLEAN	3-00000369	CHAR	IOS_CREATE
3-00000385	CHAR	IOS_DEACCESS	3-00000393	CHAR	IOS_DELETE
3-0000026D	CHAR	IOS_DIAGNOSE	3-00000065	CHAR	IOS_DRVCLR
3-000004CB	CHAR	IOS_DSE	3-000000A9	CHAR	IOS_ERASETAPE
3-00000276	CHAR	IOS_FORMAT	3-00000071	CHAR	IOS_INITIALIZE
3-00000014	CHAR	IOS_LOADMCODE	3-000003A1	CHAR	IOS_MODIFY
3-000003E2	CHAR	IOS_MOUNT	3-00000000	CHAR	IOS_NOP
3-0000009D	CHAR	IOS_OFFSET	3-000000EB	CHAR	IOS_PACKACK
3-000000E0	CHAR	IOS_QSTOP	3-000003EF	CHAR	IOS_RDSTATS
3-00000421	CHAR	IOS_READCSR	3-00000169	CHAR	IOS_READHEAD
3-000002B6	CHAR	IOS_READLBLK	3-0000013F	CHAR	IOS_READPBLK
3-00000200	CHAR	IOS_READPRESET	3-00000195	CHAR	IOS_READTRACKD
3-0000033A	CHAR	IOS_READVBLK	3-0000045A	CHAR	IOS_READWTHBUF
3-00000484	CHAR	IOS_READWTHXBUF	3-0000004D	CHAR	IOS_RECAL
3-0000007C	CHAR	IOS_RELEASE	3-000001AB	CHAR	IOS_REREADN
3-000001B8	CHAR	IOS_REREADP	3-000000CA	CHAR	IOS_RETCENTER
3-000002E6	CHAR	IOS_REWIND	3-000002C9	CHAR	IOS_REWINDOFF
3-000000FC	CHAR	IOS_SEARCH	3-00000024	CHAR	IOS_SEEK
3-00000231	CHAR	IOS_SENSECHAR	3-00000309	CHAR	IOS_SENSEMODE
3-0000021D	CHAR	IOS_SETCHAR	3-000003B8	CHAR	IOS_SETCLOCK
3-00000088	CHAR	IOS_SETCLOCKP	3-000002DD	CHAR	IOS_SETMODE
3-000002ED	CHAR	IOS_SKIPFILE	3-000002FA	CHAR	IOS_SKIPRECORD
3-00000029	CHAR	IOS_SPACEFILE	3-0000010E	CHAR	IOS_SPACERECORD
3-000003D7	CHAR	IOS_STARTDATA	3-000000B4	CHAR	IOS_STARTDATAP
3-00000037	CHAR	IOS_STARTMPROC	3-0000020F	CHAR	IOS_STARTSPNDL
3-00000059	CHAR	IOS_STOP	3-0000000D	CHAR	IOS_UNLOAD
3-0000046B	CHAR	IOS_WRITEBUFNCRC	3-0000011E	CHAR	IOS_WRITECHECK
3-000001E4	CHAR	IOS_WRITECHECKH	3-000003FF	CHAR	IOS_WRITECSR
3-00000153	CHAR	IOS_WRITEHEAD	3-000002A2	CHAR	IOS_WRITEBLK
3-00000247	CHAR	IOS_WRITEMARK	3-00000314	CHAR	IOS_WRITEOF
3-0000012A	CHAR	IOS_WRITEPBLK	3-000001C9	CHAR	IOS_WRITERET

PCL11T\_QIO

F 5  
16-Sep-1984 00:12:58  
5-Sep-1984 14:20:50

VAX-11 FORTRAN V3.4-56  
DISK\$VMSMASTER:[ERF.SRC]PCL11T.FOR;1 Page 10

3-0000017E CHAR IOS\_WRITETRACKD  
3-00000448 CHAR IOS\_WRITEWTHBUF  
AP-00000004@ L\*1 LUN

3-00000326 CHAR IOS\_WRITEVBLK  
3-00000257 CHAR IOS\_WRTTMKR  
3-000004A1 CHAR QIO\_STRING

ARRAYS

Address	Type	Name	Bytes	Dimensions
2-00000000	I*4	QIOCODE	512	(0:1, 0:63)

LABELS

Address	Label
**	10

FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name
	IRPSW_FUNC	I*4	LIB\$EXTZV

PU

AR

LA

FU





Terminal 1	Terminal 2	Terminal 3	Terminal 4	Terminal 5	Terminal 6	Terminal 7	Terminal 8	Terminal 9	Terminal 10	Terminal 11	Terminal 12	Terminal 13	Terminal 14	Terminal 15	Terminal 16
Terminal 17	Terminal 18	Terminal 19	Terminal 20	Terminal 21	Terminal 22	Terminal 23	Terminal 24	Terminal 25	Terminal 26	Terminal 27	Terminal 28	Terminal 29	Terminal 30	Terminal 31	Terminal 32
Terminal 33	Terminal 34	Terminal 35	Terminal 36	Terminal 37	Terminal 38	Terminal 39	Terminal 40	Terminal 41	Terminal 42	Terminal 43	Terminal 44	Terminal 45	Terminal 46	Terminal 47	Terminal 48
Terminal 49	Terminal 50	Terminal 51	Terminal 52	Terminal 53	Terminal 54	Terminal 55	Terminal 56	Terminal 57	Terminal 58	Terminal 59	Terminal 60	Terminal 61	Terminal 62	Terminal 63	Terminal 64
Terminal 65	Terminal 66	Terminal 67	Terminal 68	Terminal 69	Terminal 70	Terminal 71	Terminal 72	Terminal 73	Terminal 74	Terminal 75	Terminal 76	Terminal 77	Terminal 78	Terminal 79	Terminal 80
Terminal 81	Terminal 82	Terminal 83	Terminal 84	Terminal 85	Terminal 86	Terminal 87	Terminal 88	Terminal 89	Terminal 90	Terminal 91	Terminal 92	Terminal 93	Terminal 94	Terminal 95	Terminal 96
Terminal 97	Terminal 98	Terminal 99	Terminal 100	Terminal 101	Terminal 102	Terminal 103	Terminal 104	Terminal 105	Terminal 106	Terminal 107	Terminal 108	Terminal 109	Terminal 110	Terminal 111	Terminal 112
Terminal 113	Terminal 114	Terminal 115	Terminal 116	Terminal 117	Terminal 118	Terminal 119	Terminal 120	Terminal 121	Terminal 122	Terminal 123	Terminal 124	Terminal 125	Terminal 126	Terminal 127	Terminal 128
Terminal 129	Terminal 130	Terminal 131	Terminal 132	Terminal 133	Terminal 134	Terminal 135	Terminal 136	Terminal 137	Terminal 138	Terminal 139	Terminal 140	Terminal 141	Terminal 142	Terminal 143	Terminal 144
Terminal 145	Terminal 146	Terminal 147	Terminal 148	Terminal 149	Terminal 150	Terminal 151	Terminal 152	Terminal 153	Terminal 154	Terminal 155	Terminal 156	Terminal 157	Terminal 158	Terminal 159	Terminal 160