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/ THIS PROGRAM SOURCE FILE IS SUPPLIED IN CONFIDENCE TO THE
/ CUSTOMER; THE CONTENTS OR DETAILS OF ITS OPERATION MAY ONLY
/ BE DISCLOSED TO PERSONS EMPLOYED BY THE CUSTOMER WHO
/ REQUIRE A KNOWLEDGE OF THE SOFTWARE CODING TO CARRY OUT
/ THEIR JOB. DISCLOSURE TO ANY OTHER PERSON MUST HAVE PRIOR
/ AUTHORIZATION FROM THE DIRECTORS OF REDAC SOFTWARE LIMITED
/

/1 SUITE : P.C.B. LAYOUT
/2 PROGRAM TITLE : REDAL23 MARK2
/3 ROUTINE TITLE :
/

/4 AUTHOR :
/5 DATE :
/

/6 PURPOSE :
/

/7 CALLING SEQUENCE AND DESCRIPTION OF ARGUMENTS :
/

/8 I/O DEVICES AND FUNCTIONS :
/

/9 REGISTERS USED :
/

/10 EXTERNAL COMMON AREAS :
/

/11 INTERNAL COMMON AREAS :
/

/12 EXTERNAL GLOBALS :
/

/13 INTERNAL GLOBALS :
/

/14 CONDITIONAL ASSEMBLY PARAMETERS :
/

/15 METHOD :
/

/16 AMENDMENTS :
/

/ SUBROUTINE NAME: CALL NAME (NAME1(1))
/ ACCEPTS A FIVE CHAR. NAME FROM THE TELETYPE.
/ TERMINATED BY CR ALTMODE SPACE OR 5 CHARS.
/ IF NAME1(1)=0 FILE ABSENT MESS IS PRINTED
/

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49      .TITLE NAME
50      .GLOBL NAME, .DA
51      .IODEV -3, -2
52      00000 R 740040 A NAME XX
53      00001 R 120147 E JMS* .DA
54      00002 R 600004 R JMP .+2
55      00003 R 000000 A NAMEAD 0
56      00004 R START .INIT -2, 0, START
      00004 R 000776 A *G CAL+0*1000 -2&777
      00005 R 000001 A *G 1
      00006 R 000004 R *G START+0
      00007 R 000000 A *G 0
57      .INIT -3, 1, START
      00010 R 001775 A *G CAL+1*1000 -3&777
      00011 R 000001 A *G 1
      00012 R 000004 R *G START+0
      00013 R 000000 A *G 0
58      .WRITE -3, 2, MESS, 34
      00014 R 002775 A *G CAL+2*1000 -3&777
      00015 R 000011 A *G 11
      00016 R 000130 R *G MESS
      *G .DEC
      00017 R 777736 A *G -34
59      .WAIT -3
      00020 R 000775 A *G CAL -3&777
      00021 R 000012 A *G 12
60      00022 R 777774 A LAW -4
61      00023 R 040144 R DAC CNTR#
62      00024 R LOOP1 .READ -2, 3, BUFF, 3
      00024 R 003776 A *G CAL+3*1000 -2&777
      00025 R 000010 A *G 10
      00026 R 000140 R *G BUFF
      *G .DEC
      00027 R 777775 A *G -3
63      .WAIT -2
      00030 R 000776 A *G CAL -2&777
      00031 R 000012 A *G 12
64      00032 R 200142 R LAC BUFF+2
65      00033 R 500150 R AND (177
66      00034 R 340151 R TAD (-101
67      00035 R 741100 A SPA
68      00036 R 600024 R JMP LOOP1
69      00037 R 340152 R TAD (-32
70      00040 R 740100 A SMA
71      00041 R 600024 R JMP LOOP1
72      00042 R 340153 R TAD (133
73      00043 R 100112 R LOOP2 JMS UPDATE
74      .READ -2, 3, BUFF, 3
      00044 R 003776 A *G CAL+3*1000 -2&777
      00045 R 000010 A *G 10
      00046 R 000140 R *G BUFF
      *G .DEC

```

PAGE	3	NAME	SRC	NAME
		00047	R 777775	A *G -3
75				.WAIT -2
		00050	R 000776	A *G CAL -2&777
		00051	R 000012	A *G 12
76		00052	R 200142	R LAC BUFF+2
77		00053	R 500150	R AND (177
78		00054	R 540154	R SAD (040 / SPACE
79		00055	R 600105	R JMP OUTT
80		00056	R 540150	R SAD (177
81		00057	R 600105	R JMP OUTT
82		00060	R 540155	R SAD (175 / ALT MODE
83		00061	R 600105	R JMP OUTT
84		00062	R 540156	R SAD (015 / CR
85		00063	R 600105	R JMP OUTT
86		00064	R 540157	R SAD (012
87		00065	R 600105	R JMP OUTT
88		00066	R 440144	R ISZ CNTR
89		00067	R 600043	R JMP LOOP2
90		00070	R 100112	R JMS UPDATE
91				/
92		00071	R 200143	R OUTTT LAC ACST#
93		00072	R 060003	R DAC* NAMEAD
94		00073	R 440003	R ISZ NAMEAD
95		00074	R 200146	R LAC MQST#
96		00075	R 060003	R DAC* NAMEAD
97		00076	R 440003	R ISZ NAMEAD
98		00077	R 200136	R LAC BIN
99		00100	R 060003	R DAC* NAMEAD
100		00101	R 440003	R ISZ NAMEAD
101		00102	R 200137	R LAC BIN+1
102		00103	R 060003	R DAC* NAMEAD
103				/
104		00104	R 620000	R JMP* NAME
105				/
106		00105	R 200154	R OUTT LAC (040 / SPACE
107		00106	R 100112	R JMS UPDATE
108		00107	R 440144	R ISZ CNTR
109		00110	R 600105	R JMP OUTT
110		00111	R 600071	R JMP OUTTT
111				/
112		00112	R 740040	A UPDATE XX
113		00113	R 040145	R DAC DUMP#
114		00114	R 200146	R LAC MQST
115		00115	R 652000	A LMQ
116		00116	R 200143	R LAC ACST
117		00117	R 744000	A CLL
118		00120	R 640607	A LLS 7
119		00121	R 040143	R DAC ACST
120		00122	R 641002	A LACQ
121		00123	R 744020	A RCR
122		00124	R 340145	R TAD DUMP
123		00125	R 744010	A RCL

PAGE	4	NAME	SRC	NAME
124		00126	R 040146	R DAC MQST
125		00127	R 620112	R JMP* UPDATE
126				/
127		00130	R 002002	A MESS 2002; 0
		00131	R 000000	A
128		00132	R 472031	A .ASCII /NAME?/<15>
		00133	R 542576	A
		00134	R 064000	A
		00135	R 000000	A
129		00136	R 202051	A BIN .ASCII / BIN/
		00137	R 147000	A
130		00140	R 000000	A BUFF 0
131		00141	R 000000	A 0
132		00142	R 000000	A 0
133			000000	A .END
		00147	R 000147	E *E
		00150	R 000177	A *L
		00151	R 777677	A *L
		00152	R 777746	A *L
		00153	R 000133	A *L
		00154	R 000040	A *L
		00155	R 000175	A *L
		00156	R 000015	A *L
		00157	R 000012	A *L
		SIZE=00160		NO ERROR LINES

PAGE	5	NAME	CROSS REFERENCE							
ACST	00143	92	116	119						
BIN	00136	98	101	129*						
BUFF	00140	62	64	74	76	130*				
CNTR	00144	61	88	108						
DUMP	00145	113	122							
LOOP1	00024	62*	68	71						
LOOP2	00043	73*	89							
MESS	00130	58	127*							
MQST	00146	95	114	124						
NAME	00000	49	50	52*	104					
NAMEAD	00003	55*	93	94	96	97	99	100	102	
OUTT	00105	79	81	83	85	87	106*	109		
OUTTT	00071	92*	110							
START	00004	56*	56	57						
UPDATE	00112	73	90	107	112*	125				
.DA	00147	50	53							