

501
>P.\$#2800
>

0>

Port B

Link	Bit 0	Carrier Detect	
	1	75 Bits/sec	
	2	1200 Bits/sec	
	3	Mute	haven't written in yet
	4	Not used	
	5	Impulsing	Invented. — possibly temporary.
	6	Sizze	
	7	Not used	
	CBI to detect -ve edge start bit.		

```

2 3100
10 3100 \ 000 000 0
11 3100 \ 0 0 00
12 3100 \ 0 00 0
13 3100 \ 0 0 0
14 3100 \ 000 0 000
15 3100 \
500 3100 4C 1C 33 JMP KK1 INITIALISE & LOGON
600 3103 4C 15 3C JMP VV28 DISPLAY FRAME OFF LINE
610 3106 \FOR USE BY TELESOFTWARE PROGRAM:
620 3106 4C 64 3B JMP QQ32 PUT CHAR IN A INTO K/B BUFFER
630 3109 4C 7F 3B JMP QQ20 SEND CHAR IN K/B BUFFER TO PRESTEL
640 310C 4C 8E 3B JMP VV25 REDISPLAY SCREEN
650 310F \
1000 310F \CONTROL SECTION
1010 310F :UU1
1030 310F 20 7F 3B JSR QQ20 SEND ANY CHAR WAITING IN K/B BUFFER (THIS ROUTINE
1035 3112 \ALSO CALLED FROM RR1)
1038 3112 20 08 3B JSR QQ13 CHECK FOR CHAR BEING TYPED
1039 3115 \ (THIS ROUTINE ALSO CALLED FROM JJ1)
1050 3115 20 3E 39 JSR RR1 TRANSFER PRESTEL BUFFER TO #2C70 W/S (THIS ROUTINE
1055 3118 \ONLY CALLED FROM HERE)
1060 3118 AD 00 B8 LDA #B800
1061 3118 4A LSR A
1063 311C 90 F1 BCC UU1 CARRIER STILL PRESENT
1064 311E A9 60 LDA @#60 DROP LINE
1065 3120 8D 00 B8 STA #B800
1066 3123 4C 0F 31 JMP UU1
1067 3126 \
1068 3126 \AUTO DIAL
1070 3126 :BB27 ← cancel
1070 312E
1070 312E EA NOP
1071 312F 20 D1 F7 :BB1 JSR #F7D1 FF & MESSAGE
1076 317E cancel at loading file etc.
1076 317E EA NOP
1077 317F A9 31 LDA @BB27/256 LOAD TEL & LOGON NOS
1078 3181 85 7B STA WW13+1
1079 3183 A9 26 LDA @BB27&255
1080 3185 85 7A STA WW13
1081 3187 A9 2B LDA @#2B
1082 3189 85 7D STA WW14+1
1083 318B A9 00 LDA @0
1084 318D 85 7C STA WW14
1085 318F A2 7A LDX @WW13
1086 3191 58 CLI
1086 3192 20 E0 FF JSR #FFE0 — load
1086 3195 78 SEI
1087 3196 A9 00 :BB0 LDA @0
1088 3198 85 6A STA WW5
1090 319A A5 66 :BB3 LDA WW3
1090 319C 29 01 AND@1
1090 319E 85 66 STA WW3
1090 31A0 20 D1 F7 JSR #F7D1
1110 31C3 EA NOP ← cancel (c) Accursoft.
1120 31C4 A9 10 LDA@#10
1120 31C6 85 62 STA WW1
1130 31C8 A9 2B LDA@#2B

```

*JMP EEO
WARM START.*

*insert in
existing
331.*

*doesn't
work
COS.


```

1130 31CA 85 63 STA WW1+1
1130 31CC A0 00 LDY@0
1130 31CE A2 31 LDX@#31
1140 31D0 A5 66 LDAWW3
1140 31D2 F0 06 BEQ BB4
1140 31D4 A0 10 LDY@#10
1150 31D6 A9 FF LDA@#FF
1150 31D8 85 66 STAWW3
1160 31DA E6 66 :BB1 INC WW3
1170 31DC 8A :BB9 TXA ←
1170 31DD 20 F4 FF JSR#FFFF4
1180 31E0 A9 20 LDA@#20
1180 31E2 20 F4 FF JSR#FFFF4
1180 31E5 20 F4 FF JSR#FFFF4
1180 31E8 20 F4 FF JSR#FFFF4
1180 31EB 20 F4 FF JSR#FFFF4
1200 31EE B1 62 :BB7 LDA(WW1),Y GET DIGIT
1210 31F0 C9 3A :
1210 31F2 D0 02 BNE BB5
1210 31F4 A9 30 0
1220 31F6 90 02 :BB5 BCC BB6
1220 31F8 A9 20 LDA@32
1230 31FA 20 F4 FF :BB6 JSR#FFFF4
1230 31FD C8 INY
1230 31FE 98 TYA
1240 31FF 29 0F AND@#F
1240 3201 D0 E8 BNE BB7
1240 3203 20 ED FF JSR#FFED } itself.
1240 3206 20 ED FF JSR#FFED
1250 3209 98 TYA
1250 320A C9 60 CMP@#60
1250 320C F0 0C BEQ BB11
1260 320E C9 31 CMP@#31
1260 3210 B0 03 BCS BB8
1260 3212 18 CLC
1260 3213 69 10 ADC@#10
1270 3215 A8 :BB8 TAY
1270 3216 E8 INX
1270 3217 4C DC 31 IMP BB8 589
1280 321A A5 6A :BB11 LDAWW5
OUT OF RANGE:
1280 321C D0 00 BNE BB19
1280 321E 20 D1 F7 JSR#F7D1
1300 3237 EA NOP ← did which go
1300 3238 20 E6 FF JSR#FFE6 ← orecho
1300 3238 85 68 STAWW4
1310 323D C9 31 1
1310 323F 90 73 BCC BB26
1320 3241 C9 35 5
1320 3243 B0 6F BCS BB26
1321 3245 48 PHA
1322 3246 20 D1 F7 JSR#F7D1
1326 325F EA NOP
1326 3260 68 PLA
1330 3261 38 :BB16 SEC
1330 3262 E9 30 0
1330 3264 A8 TAY
1330 3265 A9 10 LDA@#10
1340 3267 A6 66 LDX WW3
1340 3269 D0 02 BNE BB12
1340 326B A9 20 LDA@#20
1350 326D B8 :BB12 DEY

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Print phone 1/5

```

1350 326E F0 0D      BEQ BB13
1360 3270 18          CLC
1360 3271 69 10      ADC#10
1360 3273 C9 41      CMP#41
1360 3275 D0 F6      BCSBB12
1370 3277 18          CLC
1370 3278 69 10      ADC#10
1370 327A 4C 6D 32   JMP BB12
1380 327D 85 62      :BB13 STA WW1
1390 327F A9 02      LDA#2
1390 3281 8D 00 BD   STA#B800
1390 3284 A2 F0      LDX#240
1390 3286 20 83 FB   JSR#FB83 SEIZE LINE AND WAIT
1395 3289 20 D1 F7   JSR #F7D1
1398 32AD
1398 32AD EA          NOP
1400 32AE 20 CD 32   JSR BB20      DIAL
1410 32B1 4C A4 33   JMP EE1      LOGON
1490 32B4 4C 96 31 :BB26 JMP BB0 ILLEGAL NUMBER
1491 32B7 20 D1 F7 :BB19 JSR#F7D1
1492 32C7 EA          NOP
1493 32C8 A5 68      LDA WW4
1493 32CA 4C 61 32   JMP BB16
1500 32CD            \ AUTO DIAL ROUTINE
1510 32CD            \ DIALS NUMBER ->WW2
1520 32CD A0 00      :BB20 LDY#0
1530 32CF B1 62      :BB21 LDA(WW1),Y
1540 32D1 C9 3F cmp ?*
1540 32D3 F0 1B      BEQ BB22
1550 32D5 C9 3E cmp >*
1550 32D7 F0 17      BEQ BB22
1560 32D9 C9 3B
1560 32DB F0 19      BEQ BB24
1561 32DD 48          PHA
1562 32DE 20 F4 FF   JSR #FFF4 PRINT NUMBER
1563 32E1 68          PLA
1565 32E2 C9 30 cmp 0*
1565 32E4 D0 02      BNE BB2
1565 32E6 A9 3A cmp :*
1570 32E8 38          :BB2 SEC
1570 32E9 E9 30 SBC 0*
1570 32EB 85 64      STA WW2
1570 32ED 20 FE 32   JSR BB25
1580 32F0 C8          :BB22 INY
1580 32F1 C0 10      CPY#16
1580 32F3 D0 DA      BNE BB21
1590 32F5 60          :BB23 RTS
1595 32F6 A2 3C      :BB24 LDX#60
1595 32F8 20 83 FB   JSR#FB83
1595 32FB 4C F0 32   JMPBB22
1600 32FE            \ DIAL ONE DIGIT IN WW2
1620 32FE A9 22      :BB25 LDA#22
1620 3300 8D 00 BB   STA#B800
1630 3303 A2 02      LDX#2
1630 3305 20 83 FB   JSR#FB83
1630 3308 A2 02      LDX#02
1640 330A 8E 00 BB   STX#B800
1640 330D A2 04      LDX#4
1640 330F 20 83 FB   JSR#FB83
1650 3312 C6 64      DEC WW2
1650 3314 D0 E8      BNE BB25
1660 3316 A2 32      LDX#50

```


1660 3318 20 83 FB JSR#FB83
1660 3318 60 RTS

5 1 331C

\ 000 000 00
\ 0 0 0 0
\ 0 00 0
\ 0 0 0
\ 000 0 0000

change

15 331C

\ INITIALISE

1000 331C

:KK1 LDA 00

1001 331C A9 00

STA WH20 CLR WRITE SCREEN FLAG

1002 331E 85 88

~~TSX~~

1003 3320 BA

~~STX #70~~

1006 3321 86 70

LDA 00

1035 3323 A9 00

STA ZZ19 HOME CURSOR

1036 3325 85 B4

STA ZZ20

1045 3327 85 B6

~~STA WH19 CLR REVEAL PAGE FLAG~~

1050 3329 85 B6

STA ZZ5 CLR CHAR ARRIVING FLAG

1060 332B 85 98

STA ZZ6 CLR CHAR BEING SENT FLAG

1070 332D 85 9A

STA ZZ23 CLR LAST CHAR WAS ESC FLAG

1110 332F 85 BC

~~STA ZZ22 CURSOR OFF~~

1113 3331 85 BA

~~LDA 0#FF~~

1120 3333 A9 FF

~~STA ZZ10 SET KEY RELEASED FLAG~~

1130 3335 85 A2

LDA 0#30 INITIALISE BUFFERS

1140 3337 A9 30

STA ZZ15+1

1150 3339 85 AD

STA ZZ16+1

1160 333B 85 AF

STA ZZ11+1

1170 333D 85 A5

STA ZZ12+1

1180 333F 85 A7

STA ZZ12

1190 3341 85 A6

STA ZZ11

1205 3343 85 A4

LDA 0#60

1210 3345 A9 60

STA ZZ16

1220 3347 85 AE

STA ZZ15

1235 3349 85 AC

LDA 0#2C INITIALISE POINTER TO 2ND HALF OF D.H. FLAGS

1240 334B A9 2C

STA WH21+1

1250 334D 85 8B

~~LDA 0#50~~

1260 334F A9 50

~~STA WH21~~

1270 3351 85 8A

LDA 03 SET UP BAUD RATE TIMES

1280 3353 A9 03

STA ZZ4+1

1290 3355 85 97

LDA 0#41

1300 3357 A9 41

STA ZZ4

1310 3359 85 96

LDA 0#34

1320 335B A9 34

STA ZZ3+1

1330 335D 85 95

LDA 0#15

1340 335F A9 15

STA ZZ3

1350 3361 85 94

LDA 0#6A SET UP PORT B

1360 3363 A9 6A

STA #B002

1361 3365 8D 02 BB

LDA 0#62

1362 3368 A9 62

STA #B000 IDLE AT LOGIC 1

1363 336A 8D 00 BB

LDA 0#4 1.5 BITS @ 1200 BAUD

1364 336D A9 04

STA ZZ14+1

1366 336F 85 AB

LDA 0#10

1368 3371 A9 0A

STA ZZ14

1369 3373 85 AA

STA #B00C SET UP PB1 FOR START BIT INTERRUPT

1374 3375 8D 0C BB

LDA 0#90

1376 3378 A9 90

STA #B00E ALLOW PB1 TO INTERRUPT

1378 337A 8D 0E BB

LDA #205

1379 337D AD 05 02

CMP 0#A0

1380 3380 C9 A0

BNE KK2 ECONET

1381 3382 D0 12

LDA #204

1382 3384 AD 04 02

BNE KK2 ECONET

1383 3387 D0 0D

Why load A twice?

needs adjusting for parity errors.

```

1384 3389 A9 38 LDA @QQ25/256 SET INTERRUPT VECTOR
1385 338B 8D 05 02 STA #205
1390 338E A9 F2 LDA @QQ25&255
1391 3390 8D 04 02 STA #204
1391 3393 4C A0 33 JMP KK0
1393 3396 A9 38 :KK2 LDA @QQ25/256
1394 3398 8D 1D 02 STA #21D
1395 339B A9 F2 LDA @QQ25&255
1396 339D 8D 1C 02 STA #21C
1397 33A0 78 :KK0 SEI DO NOT ALLOW INTERRUPT why?
1398 33A1 4C 2F 31 JMP BB1
1399 33A4 \LOGON
1400 33A4 AD 04 B8 :EE1 LDA #B804
1400 33A7 AD 08 B8 LDA #B808
1400 33AA AD 00 B8 LDA #B800 CLR INTERRUPT FLAGS
1400 33AD 58 CLI
1401 33AE A0 F0 LDY @240 WAIT 20 SEC FOR CARRIER TONE
1402 33B0 AD 00 B8 :EE2 LDA #B800
1402 33B3 4A LSR A
1402 33B4 90 1E BCC EE3 CARRIER PRESENT
1405 33B6 A2 05 LDX @5
1406 33B8 20 B3 FB JSR #FB83 WAIT 5/60TH SEC
1408 33BB 88 DEY
1408 33BC D0 F2 BNE EE2
1409 33BE A9 42 :EE5 LDA @142
1410 33C0 8D 00 B8 STA #B800
1411 33C3 A2 FF LDX @255 wait
1412 33C5 20 B3 FB JSR #FB83 DROP LINE & REDIAL
1413 33C8 A9 01 LDA @1
1413 33CA 85 6A STA WW5
1414 33CC A9 02 LDA @2
1414 33CE 8D 00 B8 STA #B800
1415 33D1 4C 9A 31 JMP BB3 — not working.
1416 33D4 :EE3
1417 33D4 20 D1 F7 JSR #F7D1 "logging on"
1418 33ED EA NOP
1420 33EE AD 00 B8 LDA #B800
1420 33F1 4A LSR A
1420 33F2 B0 E0 BCS EE3 CHECK CARRIER STILL PRESENT
1421 33F4 \WAIT FOR AN ENG
1422 33F4 A2 FF LDX @FF
1422 33F6 A0 FF LDY @FF
1425 33F8 :EE4
1430 33F8 A5 AE LDA ZZ16
1440 33FA C5 AC CMP ZZ15
1450 33FC D0 1A BNE EE6 SOMETHING IN BUFFER
1455 33FE A5 AF LDA ZZ16+1
1456 3400 C5 AD CMP ZZ15+1
1457 3402 D0 14 BNE EE6
1460 3404 88 DEY
1460 3405 D0 F1 BNE EE4
1470 3407 CA DEX
1470 3408 D0 EE BNE EE4
1475 340A 4C BE 33 JMP EE5 REDIAL — Drop through for manual logon as an alternative
1490 340D 20 A0 3A :EE0 JSR @V4 CLEAR ALL H/S & VIDEO warm start?
1491 3410 A9 F0 LDA @F0
1492 3412 8D 00 B0 STA #B000 HIGH RES GRAPHICS MODE
1493 3415 4C 0F 31 JMP UU1 RUN
1500 3418 A0 00 :EE6 LDY @0
1505 341A B1 AC :EE7 LDA (ZZ16),Y GET CHAR
1510 341C A4 AE LDY ZZ16
1520 341E D0 02 BNE EE8

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1530 3420 C6 AF      DEC ZZ16+1
1540 3422 C0 60      :EE8 CPY @#60
1550 3424 D0 06      BNE EE9
1560 3426 A4 AF      LDY ZZ16+1
1570 3428 C0 30      CPY @#30
1580 342A F0 2E      BEQ EE12 BUFFER NEEDS WRAP AROUND
1590 342C C6 AE      :EE9 DEC ZZ16
1600 342E 29 7F      :EE10 AND @#7F STRIP PARITY
1610 3430 C9 05      CMP @#5
1620 3432 D0 C4      BNE EE4 NOT AN ENQ
1630 3434 A0 00      LDY @0
1670 3436 A9 00      LDA @#00
1680 3438 B5 7C      STA WW14
1690 343A A9 2B      LDA @#2B
1700 343C B5 7D      STA WW14+1
1710 343E 81 7C      :EE11 LDA (WW14),Y TRANSFER USER NUMBER TO K/B BUFFER
1715 3440 84 7A      STY WW13
1716 3442 C9 3F      ?"
1717 3444 F0 0A      BEQ EE13
1720 3446 20 64 38    JSR QQ32 SIMULATE KEYBOARD ENTRY
1721 3449 A5 9A      :EE14 LDA ZZ6
1722 344B D0 FC      BNE EE14 PREVIOUS CHAR STILL BEING SENT
1724 344D 20 7F 38    JSR QQ20 SEND IT
1725 3450 A4 7A      :EE13 LDY WW13
1730 3452 C8        INY
1735 3453 C0 10      CPY @16
1740 3455 D0 E7      BNE EE11
1790 3457 4C 0D 34    JMP EE0
1800 345A A0 FF      :EE12 LDY @#FF
1810 345C 84 AE      STY ZZ16
1820 345E A0 32      LDY @#32
1830 3460 84 AF      STY ZZ16+1
1840 3462 4C 2E 34    JMP EE10
$      1 3465
10 3465      \ 000 000 0000
11 3465      \  @  @      @
12 3465      \  @  @  @  @
13 3465      \  @  @  @  @
14 3465      \ 000 @  @  @
15 3465      \
1000 3465      \
1010 3465      \CONTROL CODE IN A - SET APPROPRIATE FLAG
1020 3465      \& REPLACE CODE BY A SPACE IN A
1025 3465      :GG1
1030 3465 C9 11      CMP @#11 GRAPHICS?
1040 3467 90 0F      BCC GG3
1050 3469 C9 18      CMP @#18
1060 346B B0 0B      BCS GG3
1065 346D A4 7C      LDY WW14
1066 346F D0 04      BNE GG16 ALREADY SET
1070 3471 E6 7C      INC WW14 SET GRAPHICS FLAG
1076 3473 E6 81      INC WW16+1 SET FLAG TO CLR HOLDABLE CHAR AFTER DISPLAY
1080 3475 4C F6 34    :GG16 JMP GG2
1090 3478 C9 01      :GG3 CMP @#01 ALPHANUMERICS?
1100 347A 90 0D      BCC GG4
1110 347C C9 08      CMP @#08
1120 347E B0 09      BCS GG4
1130 3480 A0 00      LDY @0
1140 3482 B4 7C      STY WW14 CLEAR GRAPHICS FLAG
1145 3484 E6 81      INC WW16+1 SET FLAG TO CLR HOLDABLE CHAR AFTER DISPLAY
1150 3486 4C F6 34    JMP GG2
1160 3489 C9 1A      :GG4 CMP @#1A SEPARATED

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insert a wait for FF
to be sent

Not wanted >



30.

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1170 348B D0 05      BNE GG5
1180 348D E6 7A      INC WW13 SET SEPARATED FLAG
1190 348F 4C F6 34   JMP GG2
1200 3492 C9 19      :GG5 CMP @#19 CONTIGUOUS?
1210 3494 D0 07      BNE GG6
1220 3496 A0 00      LDY @0
1230 3498 84 7A      STY WW13 CLEAR SEPARATED FLAG
1240 349A 4C F6 34   JMP GG2
1250 349D C9 0D      :GG6 CMP @#0D DOUBLE HEIGHT?
1260 349F D0 16      BNE GG7
1262 34A1 A4 7E      LDY WW15
1263 34A3 D0 0F      BNE GG17 ALREADY SET
1265 34A5 E6 7E      INC WW15 SET DOUBLE HEIGHT FLAG
1271 34A7 E6 81      INC WW16+1 SET FLAG TO CLR HOLDABLE CHAR AFTER DISPLAY
1272 34A9 A4 B4      LDY ZZ19 PRESENT LINE
1273 34AB 81 8A      LDA (WW21),Y GET 2ND HALF OF D.H. FLAG FOR PRESENT LINE
1274 34AD D0 47      BNE GG2 (SET)
1275 34AF C8         INY NEXT LINE
1276 34B0 A9 01      LDA @1
1278 34B2 91 8A      STA (WW21),Y SET 2ND HALF OF D.H. FLAG FOR THAT LINE
1280 34B4 4C F6 34   :GG17 JMP GG2
1290 34B7 C9 0C      :GG7 CMP @#0C SINGLE HEIGHT?
1300 34B9 D0 0D      BNE GG8
1305 34BB A4 7E      LDY WW15
1306 34BD D0 06      BNE GG18 FLAG ALREADY SET
1310 34BF A0 00      LDY @0
1320 34C1 84 7E      STY WW15 CLEAR DOUBLE HEIGHT FLAG
1326 34C3 E6 81      INC WW16+1 SET FLAG TO CLR HOLDABLE CHAR AFTER DISPLAY
1330 34C5 4C F6 34   :GG18 JMP GG2
1335 34C8 C9 1E      :GG8 CMP @#1E HOLD GRAPHICS ?
1336 34CA D0 05      BNE GG9
1337 34CC E6 80      INC WW16 SET HOLD
1338 34CE 4C F6 34   JMP GG2
1340 34D1 C9 1F      :GG9 CMP @#1F RELEASE GRAPHICS?
1350 34D3 D0 07      BNE GG10
1360 34D5 A0 00      LDY @0
1370 34D7 84 80      STY WW16 CLEAR HOLD GRAPHICS FLAG
1380 34D9 4C F6 34   JMP GG2
1430 34DC C9 08      :GG10 CMP @#08 FLASHING?
1440 34DE D0 05      BNE GG11
1450 34E0 E6 82      INC WW17 SET FLASHING FLAG
1460 34E2 4C F6 34   JMP GG2
1470 34E5 C9 09      :GG11 CMP @#09 STEADY?
1480 34E7 D0 07      BNE GG12
1490 34E9 A9 00      LDA @0
1500 34EB 85 82      STA WW17 CLEAR FLASHING FLAG
1510 34ED 4C F6 34   JMP GG2
1520 34F0 C9 18      :GG12 CMP @#18 CONCEAL?
1540 34F2 D0 02      BNE GG2
1550 34F4 E6 84      INC WW18 SET CONCEAL FLAG
1560 34F6 A4 80      :GG2 LDY WW16
1570 34FB F0 08      BEQ GG15 HOLD GRAPHICS FLAG?
1580 34FA A4 7C      LDY WW14
1590 34FC F0 07      BEQ GG15 GRAPHICS FLAG ALSO?
1600 34FE A5 8D      LDA WW22+1 HOLD GRAPHICS - GET LAST POSSIBLE HELD CHAR
1610 3500 29 7F      AND @#7F REMOVE ITS SEPARATED GRAPHICS STATUS FLAG
1620 3502 E6 8C      INC WW22 SET CHAR HELD FLAG
1630 3504 60         RTS
1640 3505 A9 20      :GG15 LDA @#20 PRINT A SPACE INSTEAD
1650 3507 60         RTS

```

\$ 1 3508

10 3508

\ @@@ @@@ @


```

11 3508 \ 0 0 00
12 3508 \ 0 00 0 0
13 3508 \ 0 0 00000
14 3508 \ 000 0 0
15 3508 \
2800 3508 \DISPLAY LINE OF PRESTEL POINTED TO BY ZZ19
2810 3508 \ (DESTROYS ALL REGISTERS)
2860 3508 :SS1
2870 3508 A4 B4 LDY ZZ19
2880 350A B1 8A LDA (WW21),Y 2ND HALF OF D.H. THIS LINE?
2890 350C F0 01 BEQ SS7 (NO)
2960 350E 60 RTS
2970 350F 20 F1 3A :SS7 JSR VV10 CALCULATE WW7
2980 3512 20 DC 3A JSR VV8 CALCULATE WW2
2990 3515 20 2A 35 JSR SS2 DISPLAY LINE
3000 3518 A4 B4 LDY ZZ19
3010 351A C8 INY NEXT LINE
3020 351B B1 8A LDA (WW21),Y 2ND HALF OF D.H. NEXT LINE?
3030 351D F0 0A BEQ SS8 (NO)
3040 351F E6 B4 INC ZZ19
3050 3521 20 DC 3A JSR VV8 CALC WW2
3060 3524 20 2A 35 JSR SS2 DISPLAY LINE
3070 3527 C6 B4 DEC ZZ19 BACK TO PRESENT LINE
3080 3529 60 :SS8 RTS
3084 352A \DISPLAY LINE (DATA FROM WW7 POINTER TO WW2 POINTER)
3085 352A :SS2
3090 352A A0 00 LDY 0400 (NEW LINE) CLEAR Y & RESET FLAGS
309

```

*** TIME OUT ***

CB1 to select the edge start bit.