

HP-41C Print Status Registers by Paul Schlyter  
PPC Calculator Journal V7 N6 P12 Jul/Aug 1980

```
01 LBL "PRSTS" ;Print Status Registers
02 XROM 29,19 ;PRSTK
03 STO 00
04 RDN
05 STO 01
06 RDN
07 STO 02
08 RDN
09 STO 03
10 RCL L
11 76
12 XEQ 00
13 RCL M
14 77
15 XEQ 00
16 RCL N
17 78
18 XEQ 00
19 RCL O
20 79
21 XEQ 00
22 RCL P
23 80
24 XEQ 00
25 RCL Q
26 81
27 XEQ 00
28 RCL R
29 3
30 XEQ 00
31 RCL a
32 97
33 XEQ 00
34 RCL b
35 98
36 XEQ 00
37 RCL c
38 99
39 XEQ 00
40 RCL d
41 100
42 XEQ 00
43 RCL e
44 101
45 XEQ 00
46 RCL 03
47 RCL 02
48 RCL 01
49 RCL 00
50 RTN
51 LBL 00
52 XROM 29,02 ;ACCHR
53 CLX
54 61
55 XROM 29,02 ;ACCHR
56 RDN
57 32
58 XROM 29,02 ;ACCHR
59 RDN
60 XROM 29,05 ;ACX
61 XROM 29,10 ;PRBUF
62 RTN
63 LBL "MANT" ;Mantissa Routine
64 STO M
65 X<>Y
66 STO N
67 X<> L
```

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68 STO O
69 RDN
70 ABS
71 X#0?
72 LOG
73 FRC
74 X<0?
75 SF 20
76 RDN
77 LASTX
78 INT
79 1
80 FC?C 20
81 CLX
82 -
83 CHS
84 10^X
85 RCL d
86 X<> M
87 *
88 FIX 9
89 VIEW X
90 PSE
91 PSE
92 LASTX
93 X<> M
94 STO d
95 RDN
96 RDN
97 RCL O
98 STO L
99 X<> N
100 RCL M
101 CLA
102 RTN
103 LBL "SFL" ;Set Flags Routine
104 RCL d
105 STO O
106 RDN
107 RTN
108 LBL "RFL" ;Recall Flags Routine
109 RCL O
110 STO d
111 RDN
112 RTN
113 END

```

```

00DBC000F6005052535453A7533075317532753390741716E0
000090751717E0000090761718E0000090771719E000009078
1810E0000090791811E00000907A13E00000907B1917E00000
907C1918E00000907D1919E00000907E111010E00000907F11
1011E00000232221208501A742771611A742751312A74275A7
45A74A85C000F5004D414E549175719176CE74917775616356
6966A81475766811AB1477415457907ECE75429C0998738989
76CE75917E757590779174CE7690758785C000F40053464C90
7E91777585C000F40052464C9077917E7585C0000DFB

```

219 BYTES

HP-41C Size Test Routine for ROM by Paul Schlyter  
PPC Calculator Journal V7 No 6 Pg 12 Jul/Aug 1980

```
01 LBL "SIZETST" ;Size Test Routine
02 CLA
03 RCL d
04 CF 21
05 AVIEW
06 STO L
07 RDN
08 CF 20
09 10.0001
10 LBL 02
11 SF 25
12 LBL 01
13 RCL IND X
14 FC? 25
15 GTO 03
16 RDN
17 ISG X
18 GTO 01
19 GTO 01
20 LBL 03
21 FS?C 20
22 GTO 04
23 SF 20
24 RCL L
25 X<>Y
26 DSE X
27 INT
28 INT
29 X<>Y
30 STO L
31 RDN
32 GTO 02
33 LBL 04
34 FIX 0
35 CF 29
36 "SIZE: "
37 ARCL X
38 X<> L
39 STO d
40 CLX
41 RCL Z
42 STO T
43 X<>Y
44 PROMPT
45 END
```

005EC000F80053495A4554535487907EA9157E917475A91411  
101A1010101103A8190290F3AD19B400759673B200B20004AA  
14B500A8149074719773686871917475B300059C00A91DF653  
495A453A209B73CE74917E7790719170718EC0000D2B

94 BYTES

HP-41C Spherical Rotation Routine by Paul Schlyter  
PPC Calculator Journal Vol 7 No 6 P12 Jul/Aug 1980

```
01 LBL "SPTURN" ;Spherical Rotation Routine
02 XEQ 00
03 RDN
04 XEQ 02
05 R^
06 XEQ 01
07 RTN
08 LBL "SP-REC" ;Spherical to Rectangular
09 LBL 00
10 X<>Y
11 RDN
12 P-R
13 R^
14 X<>Y
15 P-R
16 RTN
17 LBL "REC-SP" ;Rectangular to Spherical
18 LBL 01
19 R-P
20 X<>Y
21 RDN
22 R-P
23 R^
24 X<>Y
25 RTN
26 LBL "TURN" ;Rotate 2-D Rectangular System
27 LBL 02
28 R-P
29 RDN
30 X<>Y
31 -
32 R^
33 LASTX
34 R^
35 X<>Y
36 RDN
37 RDN
38 P-R
39 RTN
40 END
```

0052C000F70053505455524EE0000075E0000274E0000185C0  
00F70053502D5245430171754E74714E85C000F7005245432D  
5350024F71754F747185C000F5005455524E034F7571417476  
747175754E85C0000D75

82 BYTES

# HP-41C Print Status Regs by Paul Schlyter PPC V7 N6 P12 Jul/Aug 1980

Program Registers Needed: 32

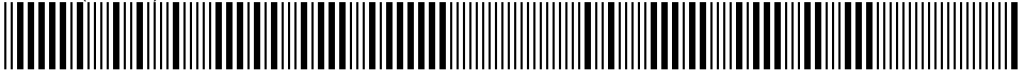
Row 1 (1 - 4)



Row 2 (5 - 13)



Row 3 (13 - 18)



Row 4 (19 - 24)



Row 5 (24 - 30)



Row 6 (30 - 36)



Row 7 (36 - 41)



Row 8 (41 - 46)



Row 9 (47 - 56)



Row 10 (57 - 63)



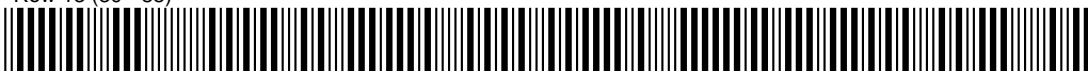
Row 11 (63 - 68)



Row 12 (68 - 79)



Row 13 (80 - 88)



Row 14 (89 - 97)



Row 15 (98 - 103)



Row 16 (103 - 108)



# HP-41C Print Status Regs by Paul Schlyter PPC V7 N6 P12 Jul/Aug 1980

Row 17 (108 - 113)



## HP-41C Size Test Routine by Paul Schlyter PPC V7 N6 P12 Jul/Aug 1980

Program Registers Needed: 14

Row 1 (1 - 3)



Row 2 (3 - 9)



Row 3 (9 - 15)



Row 4 (16 - 23)



Row 5 (23 - 32)



Row 6 (32 - 36)



Row 7 (37 - 44)



Row 8 (45 )



# HP-41C Spherical Rotation by Paul Schlyter PPC V7 N6 P12 Jul/Aug 1980

Program Registers Needed: 12

Row 1 (1 - 2)



Row 2 (3 - 8)



Row 3 (8 - 15)



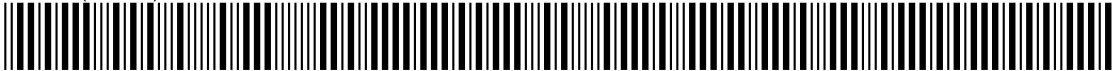
Row 4 (16 - 19)



Row 5 (20 - 26)



Row 6 (26 - 38)



Row 7 (39 - 40)

