

HP-41C Star Trek Program ST by John Rausch  
PPC Calculator Journal V7 N2 P44 Feb-Mar 1980

```
01 LBL "ST" ;Star Trek Program
02 FIX 0
03 CF 29
04 SREG 01 ;SigmaREG
05 "SEED?"
06 PROMPT
07 X=0?
08 PI
09 STO 07
10 CF 22
11 SF 25
12 2
13 XEQ "IC" ;Initialize number of Commands (Line 214)
14 CF 25
15 STO 00
16 LBL 14
17 ADV
18 CF 02
19 CF 03
20 CF 04
21 SF 05
22 CLS ;CLSigma
23 1
24 STO 01
25 30
26 XEQ 99
27 %
28 10
29 +
30 GTO 12
31 LBL 00
32 FS? 05
33 XEQ "KL" ;Klingon Battle Logic Subroutine
34 FC? 05
35 XEQ "EL" ;Enterprise Battle Logic Subroutine
36 GTO IND X
37 LBL 00
38 "CMD?"
39 AVIEW
40 LBL 13
41 PSE
42 FC?C 22
43 GTO 13
44 X<0?
45 GTO 00
46 6
47 X<Y?
48 GTO 00
49 GTO IND Y
50 LBL 01
51 "ATTACK"
52 AVIEW
53 RCL 02
54 10
55 RCL 03
56 20
57 /
58 -
59 STO Z
60 -
61 X>Y?
62 GTO 12
63 RCL 02
64 XEQ 99
65 %
66 -
67 X<Y?
```

```
68 X<>Y
69 GTO 12
70 LBL 02
71 "DISENGAGE"
72 AVIEW
73 RCL 02
74 10
75 RCL 03
76 20
77 /
78 -
79 +
80 LBL 12
81 RND
82 STO 02
83 "RANGE "
84 ARCL X
85 ">K"
86 GTO 11
87 LBL 03
88 "EVADE"
89 AVIEW
90 XEQ 99
91 2
92 /
93 RND
94 ST+ 05
95 "PROB "
96 ARCL 05
97 ">%"
98 GTO 11
99 LBL 04
100 "PHASER"
101 AVIEW
102 "OUT OF RANGE"
103 10
104 RCL 02
105 X>Y?
106 GTO 11
107 "INOPERATIVE"
108 79
109 RCL 03
110 X>Y?
111 GTO 11
112 RCL 06
113 X=0?
114 GTO 15
115 "EVADED"
116 XEQ 99
117 RND
118 X<Y?
119 GTO 11
120 LBL 15
121 44
122 RCL 02
123 4
124 *
125 -
126 XEQ 99
127 %
128 RND
129 ST+ 04
130 RCL 04
131 GTO 15
132 LBL 05
133 "REPAIR"
134 AVIEW
135 XEQ 99
136 5
137 /
```

138 RND  
139 ST- 03  
140 RCL 03  
141 X<0?  
142 CLX  
143 STO 03  
144 LBL 15  
145 "UNITS "  
146 ARCL Y  
147 AVIEW  
148 PSE  
149 "DAMAGE "  
150 ARCL X  
151 GTO 11  
152 LBL 06  
153 "STATUS"  
154 AVIEW  
155 PSE  
156 "DMG "  
157 ARCL 03  
158 >"/"  
159 ARCL 04  
160 AVIEW  
161 PSE  
162 "EV% "  
163 ARCL 05  
164 >"/"  
165 ARCL 06  
166 AVIEW  
167 1  
168 ST+ 01  
169 RCL 02  
170 GTO 12  
171 LBL 11  
172 AVIEW  
173 1 E2  
174 RCL 04  
175 X<Y?  
176 GTO 15  
177 PSE  
178 "DESTROYED"  
179 AVIEW  
180 GTO 14  
181 LBL 15  
182 CF IND 01  
183 DSE 01  
184 GTO 15  
185 PSE  
186 FC?C 05  
187 SF 05  
188 FC? 05  
189 "\*ENTERPRISE\*"  
190 FS? 05  
191 "\*KLINGON\*"  
192 AVIEW  
193 RCL 03  
194 X<> 04  
195 STO 03  
196 RCL 05  
197 STO 06  
198 CLX  
199 STO 05  
200 RCL 00  
201 STO 01  
202 LBL 15  
203 SF IND 01  
204 GTO 00  
205 LBL 99  
206 RCL 07  
207 997

```

208 *
209 FRC
210 STO 07
211 1 E2
212 *
213 RTN
214 LBL "IC" ;Initialize Number of Commands
215 RDN ;Chooses random number 1 to 4
216 XEQ 99 ;Not part of original program
217 25
218 /
219 1
220 +
221 RTN
222 END

```

```

01E3C000F30053549C00A91D9901F5534545443F8E677237A9
16A819121EF24943A919300F8FA902A903A904A80570113113
10E000634C111040BD0001AC051EF24B4CAD051EF2454CAE73
01F4434D443F7E0E89AB16BE0066B1001644B100AE7202F641
545441434B7E221110231210434191714145BD0022E000634C
414471BD0003F9444953454E474147457E2211102312104341
400D6E32F652414E4745209B73F27F4BBC0004F54556414445
7EE0006312436E9205F550524F42209B05F27F25BC0005F650
48415345527EFC4F5554204F462052414E474511102245BC00
FB494E4F504552415449564517192345BC002667D0000FF645
5641444544E000636E44BC00CF0F141422144241E000634C6E
920424D0000F06F65245504149527EE0006315436E93032366
7733CF0FF6554E495453209B727E89F744414D414745209B73
BC0007F6535441545537E89F4444D47209B03F27F2F9B047E
89F4455625209B05F27F2F9B067E11920122BD000C7E111B12
2444D0000F89F944455354524F5945447EBF00CF0FA9819701
D0000F89AB05A805AD05FC2A454E54455250524953452AAC05
F92A4B4C494E474F4E2A7E23CE0433253677352031CF0FA881
B100CF6327191917426937111B124285C000F300494375E000
63121543114085C0000D92

```

483 BYTES

# HP-41C Star Trek Program ST by John Rausch PPC V7 N2 P44 Feb-Mar 1980

Program Registers Needed: 69

Row 1 (1 - 5)



Row 2 (5 - 11)



Row 3 (12 - 19)



Row 4 (19 - 26)



Row 5 (27 - 33)



Row 6 (34 - 38)



Row 7 (38 - 47)



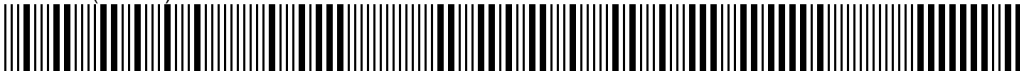
Row 8 (48 - 52)



Row 9 (53 - 62)



Row 10 (62 - 71)



Row 11 (71 - 74)



Row 12 (75 - 83)



Row 13 (83 - 88)



Row 14 (88 - 94)



Row 15 (95 - 98)



Row 16 (99 - 102)



# HP-41C Star Trek Program ST by John Rausch PPC V7 N2 P44 Feb-Mar 1980

Row 17 (102 - 105)



Row 18 (106 - 107)



Row 19 (107 - 115)



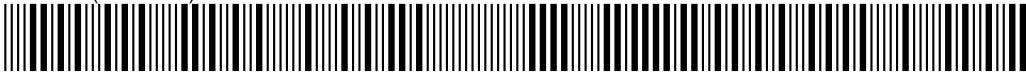
Row 20 (115 - 119)



Row 21 (120 - 128)



Row 22 (129 - 133)



Row 23 (133 - 142)



Row 24 (143 - 147)



Row 25 (148 - 151)



Row 26 (152 - 156)



Row 27 (156 - 162)



Row 28 (162 - 168)



Row 29 (168 - 176)



Row 30 (176 - 179)



Row 31 (180 - 186)



Row 32 (186 - 189)



Row 33 (189 - 191)



# HP-41C Star Trek Program ST by John Rausch PPC V7 N2 P44 Feb-Mar 1980

Row 34 (191 - 199)



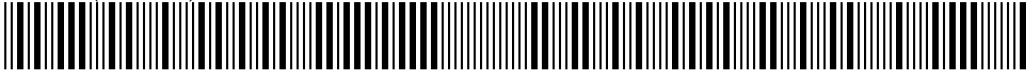
Row 35 (200 - 207)



Row 36 (207 - 214)



Row 37 (214 - 222)



Row 38 ( 222 )

