

0

3

```

0      ( Sensor Readings Graphics                                AWK 8/13/85 )
1      CREATE E-TABLE  RED C, ORANGE C, YELLOW C,
2      CREATE B-TABLE  LT-BLUE C, BLUE C, GREEN C,
3
4      : >RCOLOR ( addr -- )
5      C@ IF B-TABLE ELSE E-TABLE THEN 0 3 RRND + C@ !COLOR ;
6
7      : RSHAPE ( addr -- x y )
8      >R 1 1+ C@
9      IF 0 1 4 + C@ 1+ RRND 1 4 + C@ DUP *
10     OVER DUP * - 0 SQR 1+ 0 SWAP RRND
11     0 2 RRND IF NEGATE THEN >R
12     0 2 RRND IF NEGATE THEN 2/ 1' 2+ C@ + R> 1 3 + C@ +
13     ELSE
14     1 2+ C@ 1 4 + C@ 1+ RRND 1 5 + C@ 1 3 + C@ 1+ RRND
15     THEN R> DROP ;

```

1

4

```

0      ( Sensor Readings Graphics                                AWK 8/13/85 )
1
2 61 22 1 IFIELD ?VES-CLASS0  61 23 1 IFIELD ?VES-CLASS1
3 61 24 1 IFIELD ?VES-CLASS2  61 25 1 IFIELD ?VES-CLASS3
4
5 25 34 42 AFIELD VES-READINGS
6
7
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```

0      : .READING ( addr -- )
1      DUP >RCOLOR RSHAPE 2DUP OR
2      IF >R xBLT @ 80 > 80 * + R> yBLT @ + 5 + LPLT
3      ELSE 2DROP THEN ;
4
5      : .VREADINGS ( -- )
6      75 0 DO
7      VES-READINGS 42 OVER + SWAP DO 1 .READING 6 +LOOP
8      LOOP ;
9
10     : .VESSEL ( n -- )
11     ?DUP IF RECORD# ! 25 FILE# ! COLOR @ .VREADINGS !COLOR
12     SET-CURRENT THEN ;
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0      : .01 ." ELOWAN" ;      : .02 ." GAZURTOID" ;
1      : .03 ." MECHAN" ;      : .04 ." MYSTERION" ;
2      : .05 ." NOMAD" ;        : .06 ." SPEMIN" ;
3      : .07 ." THRYNN" ;       : .08 ." VELOX" ;
4      : .09 ." UHLEK" ;        : .010 ." VELOX PROBE" ;
5      : .011 ." MINGSTREL" ;   : .018 ." ENTERPRISE" ;
6      : .019 ." DERELICT" ;    : .0UN ." UNDEFINED" ;
7
8      CASE .ORIGINATOR
9      1 IS .01 2 IS .02 3 IS .03 4 IS .04 5 IS .05 6 IS .06
10     7 IS .07 8 IS .08 9 IS .09 10 IS .010 11 IS .011 18 IS .018
11     19 IS .019
12     OTHERS .0UN
13
14
15

```

6

```
0
1 : .ENCOUNTER ( -- )
2 >DISPLAY DARK BLUE !COLOR >!FONT
3 4 180 POS. ." ADDRESS: " CI D.
4 4 172 POS. @INST-SPECIES .ORIGINATOR
5 4 164 POS. ." X: " INST-X @ *MAPSCALE / 3 .R
6     SPACE ." Y: " INST-Y @ *MAPSCALE / .
7 4 100 POS. ." UNKNOWNNS: " ?VES-CLASS0 C@ DUP . .VESSEL
8 84 100 POS. ." TRANSPORTS: " ?VES-CLASS1 C@ DUP . .VESSEL
9 4 20 POS. ." SCOUTS: " ?VES-CLASS2 C@ DUP . .VESSEL
10 84 20 POS. ." WARSHIPS: " ?VES-CLASS3 C@ DUP . .VESSEL ;
11
12
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```

7

```
0
1
2 : .ENCOUNTERS ( -- )
3 IROOT >C+S SUBROOT IOPEN
4 BEGIN @INST-CLASS 61 =
5     IF .ENCOUNTER KEY 27 =
6         IF QUIT THEN
7             THEN NEXT-NODE CI IROOT D=
8 UNTIL ICLOSE ICLOSE >0FONT ;
9
10
11
12
13
14
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```