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0 ( -----overlay prefix COMM SPEC -----
1 ( special communications phrases          AWK
2 ( Exceptional actions: support
3 ( Exceptional actions: support
4 ( Exceptional actions: ?>=ELEMENT >EADDR
5 ( Exceptional actions: -ELEMENT
6 ( Exceptional actions: VPROBE#           1
7 ( Exceptional actions: THRYNN-CREW THRYNN-PALS
8 ( Exceptional actions: HUMAN-CREW
9 ( Exceptional actions: ELOWAN-CREW ELOWAN-PALS
10 ( Exceptional actions: XY/N
11 ( Exceptional actions: ELLIPSOID
12 ( Exceptional actions: CRYSTAL-ORB
13 ( Exceptional actions: PLUTONIUM
14 ( Exceptional actions: BLACK-BOX$
15 ( Exceptional actions: BLACK-BOX
16 ( Exceptional actions: ELAN             1
17 ( Exceptional actions: NEED-ENERGY
18 ( Exceptional actions: TRIBUTE
19 ( Exceptional actions: BARTER$
20 ( Exceptional actions: BARTER
21 ( Exceptional actions:
22 ( Exceptional actions:                 1
23 ( Exceptional actions:

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0 ( -----overlay prefix COMM SPEC -----8/13/85 AWK ) ( Exceptional actions: support      8/13/85 AWK )
1
2 VOCABULARY COMMSPEC-VOC IMMEDIATE                                HEAD: (>BUTTON) ( -- )
3 94 OPEN-OVERLAY                                                  T: XYSKAN DROP ?DUP IF NEW-BUTTON THEN T;
4 COMMSPEC-VOC DEFINITIONS
5 1200 TRANS-ALLOT NEWT-DP                                          HEAD: ?VINITIAL ( addr -- f )
6                                                                    T: C@ DUP ASCII A = OVER ASCII E = OR OVER ASCII I = OR
7                                                                    OVER ASCII O = OR SWAP ASCII U = OR T;
8
9                                                                    ASCII . C: XTRAIL
10                                                                    HEAD: -XTRAILING ( 'addr cnt b -- addr' cnt' )
11                                                                    T: ' XTRAIL ! ' XTRAIL CFA ' -TRAILING 14 + !
12                                                                    -TRAILING
13                                                                    ' BL CFA ' -TRAILING 14 + ! T;
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0 ( special communications phrases      AWK 8/17/85 ) ( Exceptional actions: ?>ELEMENT >EADDR      8/13/85 AWK )
1 48 11 255 IFIELD: PHRASE$
2 TRANSIENT                                                        V: QTY
3
4 : I" ( <phrase> ( n -- n ) iaddr )                                HEAD: ?>ELEMENT ( amt spec -- f )
5 *COMM-SPEC >C+S                                                  T: *STARSHIP-HOLD >C+S IOPEN 11 10 IFIND
6 ASCII " WORD COUNT 2DUP >UPPERCASE ( addr cnt -- )              IF IOPEN 0 SWAP IFIND
7 DUP 1+ VCREATE 2DUP CI IINSERT IOPEN ( addr cnt iaddr -- )      IF INST-QTY @ DUP QTY ! SWAP - 0< NOT ELSE DROP 0 THEN ICLOSE
8 2SWAP DROP 1- PHRASE$ $! ( iaddr -- )                           ELSE 2DROP 0 THEN CDROP ICLOSE T;
9 ICLOSE ICLOSE
10 ' 2LIT CFA , SWAP , , \ , iaddr into definition                HEAD: >EADDR ( spec { -- n n' n' } )
11 ' >C+S CFA , \ , processing routines into def                  T: *STARSHIP-HOLD >C+S
12 ' PHRASE$ CFA , \                                              IOPEN 11 10 IFIND DROP IOPEN 0 SWAP IFIND DROP T;
13 ' COUNT CFA , ; IMMEDIATE
14
15 RESIDENT                                                        HEAD: SHIP-HOLD> ( { n *SHIP-HOLD n' ... --- n } )
                                                                    T: BEGIN CI *STARSHIP-HOLD D= NOT WHILE CDROP REPEAT ICLOSE T;

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0 ( Exceptional actions: support      8/17/85 AWK ) ( Exceptional actions: -ELEMENT      3/20/85 AWK )
1
2 HEAD: ?ARTIFACT ( n -- f ) T: ' ov?ARTIFACT MODULE T;           HEAD: -ELEMENT ( amt spec -- )
3 HEAD: A>ORIGINATOR ( -- ) T: ' A>O MODULE T;                   T: SWAP 10 - SWAP >EADDR NEGATE INST-QTY +! BOX> >INACTIVE DROP
4 HEAD: ORIGINATOR>C ( -- ) T: ' O>C MODULE T;                   SHIP-HOLD> T;
5 \ HEAD: ?TIRED-OF-WAITING ( -- f ) T: ' ?TOW MODULE T;          HEAD: +ELEMENT ( amt spec -- )
6 HEAD: +!EDL ( n -- ) T: ' ov+!EDL MODULE T;                     T: 26 SWAP ICREATE >C+S INST-QTY ! C>
7                                                                    *STARSHIP-HOLD >C+S >BOX ICLOSE T;
8 52 18 1 IFIELD: BASE-EDL 52 19 1 IFIELD: AET
9
10 1 ORGIADDR 1.5@ 2C: *ELOWAN 7 ORGIADDR 1.5@ 2C: *THRYNN        HEAD: -ARTIFACT ( spec -- )
11                                                                    T: *STARSHIP-HOLD >C+S
12 HEAD: (PHRASE>CT) ( addr cnt ( n -- ) )                        IOPEN 11 15 IFIND DROP IOPEN 0 SWAP IFIND DROP BOX> >INACTIVE
13 T: A>ORIGINATOR ORIGINATOR>C ICLOSE                            SHIP-HOLD> T;
14 ' P>CT MODULE ICLOSE T;
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0 ( Exceptional actions: VPROBE# 10/16/85 AWK ) ( Exceptional actions: ELOWAN-CREW ELOWAN-PALS 3/20/85 AWK )
1
2 V: STOP-SA HEAD: ELOWAN-CREW ( -- )
3 T: P-RACES @ 16 AND
4 HEAD: VPROBE# ( -- ) IF A>ORIGINATOR ORIGINATOR>C STOP-SA ON
5 T: A>ORIGINATOR ORIGINATOR>C I" SSSO YOU ARRRR FRIENDSS WITHH THE ELLLOWANN. OURR SCANNERSSS
6 1 6 0 DO 1 10000 RRND DUP 0 <# #S #> SSHOW THEY ARRE ABOARD YOURR SSHIP. MOSSST RREGRETABLE."
7 2DUP + ASCII ? SWAP C! 1+ (PHRASE>CT) cr (PHRASE>CT) 100 +!EDL ICLOSE THEN T;
8 10 .BTN-TEXT INIT-BUTTON
9 TIME D@ 15000. D+ TIRED-TIME D!
10 BEGIN (>BUTTON) FTRIG @ HEAD: ELOWAN-PALS ( -- )
11 TIME D@ TIRED-TIME D@ D> OR T: *ELOWAN >C+S BASE-EDL C@ AET C@ < ICLOSE
12 UNTIL ?TRIG IF A>ORIGINATOR ORIGINATOR>C STOP-SA ON
13 IF THIS-BUTTON @ ELSE 2 THEN SWAP 6 MOD 0> = * DUP 0= I" OUR INTELLEIGENCCE INNDICATESS THAT YOU HAVVE ALLIED WITH TH
14 IF LEAVE THEN E ELOWANNN. UNLESSS YOU CHANGE YOUR MINND WE MUSSST CONSIDER Y
15 LOOP 0= 100 * +!EDL ICLOSE CR T; OU OUR ENNEMY."
(PHRASE>CT) 100 +!EDL ICLOSE THEN T;

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10

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0 ( Exceptional actions: THRYNN-CREW THRYNN-PALS 3/20/85 AWK ) ( Exceptional actions: XY/N 3/19/85 AWK )
1
2 HEAD: THRYNN-CREW ( -- ) : XY/N ( n1 n2 -- f ) \ n1 on YES n2 on NO/TERM added to EDL
3 T: P-RACES @ 8 AND 10 .BTN-TEXT INIT-BUTTON TIME D@ 20.000 D+ TIRED-TIME D!
4 IF A>ORIGINATOR ORIGINATOR>C STOP-SA ON BEGIN
5 I" WE DOST DETECT THE PRESENCE OF ACCURSED THRYNN ABOARD THY VES (>BUTTON) FTRIG @
6 SEL. WE WOULDST HAVE NO DEALINGS WITH THEE, FRIENDS OF OUR ENEMI TIME D@ TIRED-TIME D@ D> OR
7 ES." (PHRASE>CT) 100 +!EDL ICLOSE THEN T; UNTIL 9 .BTN-TEXT
8 THIS-BUTTON @ ?TRIG 0= 2* + 0=
9 HEAD: THRYNN-PALS ( -- ) IF DROP +!EDL 1 ELSE +!EDL DROP 0 THEN ;
10 T: *THRYNN >C+S BASE-EDL C@ AET C@ < ICLOSE
11 IF A>ORIGINATOR ORIGINATOR>C STOP-SA ON
12 I" OUR INVESTIGATIONS REVEAL THAT THOU ART FRIENDS OF THE EVIL T
13 HRYNN. THEREFORE ART THOU ENEMIES OF THE ELOWAN."
14 (PHRASE>CT) 100 +!EDL ICLOSE THEN T;
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11

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0 ( Exceptional actions: HUMAN-CREW 3/19/85 AWK ) ( Exceptional actions: ELLIPSOID 3/20/85 AWK )
1
2 HEAD: HUMAN-CREW ( -- ) HEAD: CONE$ ( -- addr cnt ) T:
3 T: P-RACES @ 1 AND 0= I" OUR SCANNER ARE SHOW YOU IS HAVE FOCUSING STONE OF VELOXI. YO
4 IF A>ORIGINATOR ORIGINATOR>C U IS IMMEDIATELY GIVING TO VELOXI. AGREEING?" T;
5 I" WE DO NOT DETECT THE PRESENCE OF ANY HUMAN LIFEFORMS ABOARD Y HEAD: ELLIPSOID ( -- )
6 OUR VESSEL. WE THEREFORE CONCLUDE YOU CANNOT BE GROUP 9." T: 2 ?ARTIFACT
7 (PHRASE>CT) 100 +!EDL ICLOSE THEN T; IF A>ORIGINATOR ORIGINATOR>C CONE$ (PHRASE>CT) -40 50 XY/N
8 IF 2 ' -ARTIFACT MODULE -40 ELSE STOP-SA ON 50 THEN
9 BASE-EDL C@ + 100 MIN 0 MAX BASE-EDL C! ICLOSE THEN T;
10
11
12
13
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12

15

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0 ( Exceptional actions: CRYSTAL-ORB          3/20/85 AWK ) ( Exceptional actions: BLACK-BOX          3/20/85 AWK )
1
2 HEAD: ORB$ ( -- addr cnt ) T;                HEAD: BLACK-BOX ( -- )
3 I" OUR SCANNER IS SHOW YOU ARE HAVE MOST PRECIOUS SMALL EGG OF V T: A>ORIGINATOR ORIGINATOR>C A-POSTURE @ 2 = ?BLACK-BOX AND
4 ELOXI GRAND LOVELY. YOU ARE RETURN IMMEDIATELY, OR VELOXI IS DEC IF 1BLACK-BOX$ (PHRASE>CT) 0 0 XY/N
5 LARING WAR. AGREEING?" T;                IF 300 6 ?>=ELEMENT
6                IF 300 6 -ELEMENT 28 15 ICREATE *STARSHIP-HOLD >C+S
7 HEAD: CRYSTAL-ORB ( -- )                >BOX ICLOSE ' ?BLACK-BOX OFF SAVE-OVERLAY ELSE
8 T: 1 ?ARTIFACT                2BLACK-BOX$ (PHRASE>CT) 5 +!EDL THEN
9 IF A>ORIGINATOR ORIGINATOR>C ORB$ (PHRASE>CT) 0 100 XY/N                ELSE I" VERY WELLLL." (PHRASE>CT) THEN
10 IF 1 -ARTIFACT ELSE STOP-SA ON 100 BASE-EDL C! THEN                THEN ICLOSE T;
11 THEN ICLOSE T;
12
13
14
15

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13

16

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0 ( Exceptional actions: PLUTONIUM          3/20/85 AWK ) ( Exceptional actions: ELAN          10/18/85 AWK )
1
2 V: ENQTY                HEAD: ELAN$ ( -- addr cnt ) T;
3                I" THOU HAST DONE A DEED MOST UNTHINKABLY FOUL. THOU HAST DESTRO
4 HEAD: PLUTONIUM$ ( -- addr cnt ) T;                YED ELAN, THE SACRED PLANET OF OUR YOUNG AND THEREBY HAST THOU A
5 I" WE DETECT YOU ARE CARRYING SSOME PLLLUTONIUM. WE WILL PAY LL BUT DESTROYED THE ELOWAN. TRULY ART THOU MORE VILE EVEN THAN
6 WELL FOR THISS. LET USS SSAY xxx UNITSS OF ENERGY CRYSTALSS. THE THRYNN. WE ARE NOW AND FOREVER MORTAL ENEMIES." T;
7 AGREED?" T;
8
9 HEAD: PLUTONIUM ( -- )                HEAD: ELAN ( -- )
10 T: 3 15 ?>=ELEMENT                T: ?ELAN @ NOT
11 IF A>ORIGINATOR ORIGINATOR>C PLUTONIUM$ QTY @ 84 200 */ DUP                IF A>ORIGINATOR ORIGINATOR>C STOP-SA ON ELAN$ (PHRASE>CT)
12 ENQTY ! 10 / 0 <# #S #> 2OVER DROP 93 + DUP 3 BL FILL SWAP                100 +!EDL 100 BASE-EDL C! ICLOSE THEN T;
13 CMOVE (PHRASE>CT) ICLOSE 0 5 XY/N
14 IF QTY @ 15 -ELEMENT ENQTY @ 6 +ELEMENT ELSE STOP-SA ON THEN
15 THEN T;

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14

17

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0 ( Exceptional actions: BLACK-BOX$          3/20/85 AWK ) ( Exceptional actions: NEED-ENERGY          3/20/85 AWK )
1
2 I C: ?BLACK-BOX                HEAD: 1NEED$ ( -- addr cnt ) T;
3                I" SCANNERS OF OURS SHOW THAT THOU HAST 10 ARTH UNITS AT LEAST.
4 HEAD: 1BLACK-BOX$ ( -- addr cnt ) T;                THY NEED DOES NOT SEEM DIRE. THOU WOULD'ST SPEAK FALSELY AND TAK
5 I" TO DEMONSTRATTE OUR GOOD WILL WE WILL SSSELL YOU A DEVICCE                E ADVANTAGE ON US." T;
6 THAT WILL MAKE YOUR SSSHIP INVULLNERRABLE. THE COSST ISS ONLY                HEAD: 2NEED$ ( -- addr cnt ) T;
7 30 OF YOUR ENERGY CRYSTALSS. DO YOU WISH TO PURCHASE THISS?" I" WE GIVE UNTO THEE, FRIENDS OF THE ELOWAN, 5 ARTH UNITS OF FUE
8 T;                L." T;
9
10 HEAD: 2BLACK-BOX$ ( -- addr cnt ) T;                HEAD: NEED-ENERGY ( -- )
11 I" YOU DO NOTT HAVE ENOUGHHH. DO NOTT TRY TO DECEIVVE USSS."                T: A>ORIGINATOR ORIGINATOR>C A-POSTURE @ 2 =
12 T;                IF 1" IS THINE NEED FOR ENERGY DIRE?" (PHRASE>CT) 0 0 XY/N
13                IF 101 6 ?>=ELEMENT
14                IF 8 +!EDL 1NEED$ ELSE STOP-SA ON 2NEED$ 50 6 +ELEMENT THEN
15                (PHRASE>CT) THEN THEN ICLOSE T;

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18

21

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0 ( Exceptional actions: TRIBUTE          3/21/85 AWK ) ( Exceptional actions:          3/21/85 AWK )
1
2 HEAD: TRIBUTE$ ( -- addr cnt ) T:          V: SA-ELOWAN -2 DP +!
3 I" THE YOU ALIENS TRESPASSING IN OURS THE SPACE. MOST GRACIOUS 6 3 C, ' THRYNN-CREW , ' THRYNN-PALS , ' NEED-ENERGY ,
4 ROSSNESS OF AUGUST QUEEN PERHAPS FORGIVING IF YOU ARE PAY TRIBUT
5 E OF 1/X ENERGY SUPPLY RIGHT AWAY, BY JOVE. AGREEING?" T;          V: SA-THRYNN -2 DP +!
6          5 C, ' ELOWAN-CREW , ' ELOWAN-PALS , ' PLUTONIUM ,
7 HEAD: TRIBUTE ( -- )          ' BARTER , ' BLACK-BOX ,
8 T: A>ORIGINATOR ORIGINATOR>C A-POSTURE @ 12 AND
9 IF TRIBUTE$ 2 A-POSTURE @ 4 = 2* + ASCII 0 + 3 PICK 132 + C!          V: SA-VELOX -2 DP +!
10 (PHRASE>CT) 0 100 XY/N          3 C, ' CRYSTAL-ORB , ' ELLIPSOID , ' TRIBUTE ,
11 IF 0 6 ?>=ELEMENT DROP
12 QTY @ 2 A-POSTURE @ 4 = 2* + / 6 -ELEMENT          V: SA-MECHAN -2 DP +! 1 C, ' HUMAN-CREW ,
13 ELSE STOP-SA DN THEN
14 THEN ICLOSE T;          V: SA-VPROBE -2 DP +! 1 C, ' VPROBE# ,
15

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22

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0 ( Exceptional actions: BARTER$          8/17/85 AWK ) ( Exceptional actions:          10/16/85 AWK )
1 HEAD: BARTER$ ( -- addr cnt ) T:
2 I" OUR SCANNERSS INNDICATE THAT YOU HAVVE ABOARD YOUR SSHIP A x HEAD: DO-SA'S ( addr -- )
3 xxxxxxxxxxxxxxxxxxxxxxxx THISS ARTIFACT ISS OF INTERESST TO USS. T: ?DUP
4 WE WILL BUY ITT FROM YOU FOR xxxx CUBIC ARTH UNITx OF ENERGY CR IF STOP-SA OFF
5 YSSTALSSS. AGREED?" T;          COUNT 2* OVER + SWAP DO
6          I @ EXECUTE STOP-SA @
7 HEAD: ART>BARTER ( ( n -- n ) )          IF LEAVE THEN
8 T: ART-NAME DUP PAD 24 CMOVE ?VINITIAL          2 +LOOP
9 IF 78 ELSE BL THEN BARTER$ DROP 58 + C! BARTER$ DROP 60 + DUP THEN T;
10 24 BL FILL PAD 24 ASCII . -XTRAILING 1+ ROT SWAP CMOVE T;
11
12 HEAD: VAL>BARTER ( ( n -- n ) )
13 T: ART-VAL @ 0 333 U/MOD 1 MAX DUP 10 * EnQTY ! 0 <# #S #>
14 BARTER$ DROP 154 + DUP 4 BL FILL SWAP CMOVE DROP EnQTY @ 10 >
15 IF ASCII S ELSE BL THEN BARTER$ DROP 174 + 2 ROT FILL T;

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0 ( Exceptional actions: BARTER          3/21/85 AWK ) ( Exceptional actions:          8/13/85 AWK )
1
2 HEAD: BARTER ( -- )          CASE SA-CASE
3 T: A>ORIGINATOR ORIGINATOR>C *STARSHIP-HOLD >C+S IOPEN          1 IS SA-ELOWAN 7 IS SA-THRYNN
4 11 15 IFIND          8 IS SA-VELOX 3 IS SA-MECHAN
5 IF IOPEN          10 IS SA-VPROBE
6 BEGIN @INST-SPECIES 15 = NOT DUP          OTHERS 0
7 IF ART>BARTER ICLOSE ICLOSE VAL>BARTER ICLOSE ICLOSE
8 BARTER$ (PHRASE>CT) 0 5 XY/N          : (XCOMM) ( -- )
9 IF BOX> >INACTIVE DROP EnQTY @ 6 +ELEMENT THEN          (AORIGINATOR) 1.5@ >C+S @INST-SPECIES ICLOSE SA-CASE DO-SA'S ;
10 THEN INEXT ?FIRST OR
11 UNTIL
12 THEN SHIP-HOLD> ICLOSE T;
13
14
15

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24

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0 ( -----overlay suffix COMM SPEC -----B/13/85 AWK )
1
2 DISPOSE
3 CLOSE-OVERLAY
4 94 OVERLAY COMMSPEC-OV
5 COMMSPEC-OV
6 FORTH DEFINITIONS
7
8 : XCOMM COMMSPEC-OV COMMSPEC-VOC (XCOMM) ;
9
10 OV-CANCEL
11
12 ' XCOMM 'XCOMM !
13
14
15
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