269373

KAB46--04---
PROGRAM SUCCESSFULLY CORRECTED

DATE: 22/11/65 TIME: 18.07.

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                ST11104; TL600; START1600;
                YO=E;
                V; W;
                YA063;
                YY511; YZ511;
                RESTART; J1; J1;
                PROGRAM;
                      JSP880;
                      SETB2421;
                2;      =RI1; SETB157010; =M1; Q1; JE70;
                1;      Z39; J3*LTZ;
                      SET4046; JP7;
                3;      SETB3125; J2;

                P2V8;       VO=QAYZO/AYZ255/O; (BUFFER 1);
                      V1=QAYZ256/AYZ511/O; (BUFFER 2);
                      V4=B50442243610600004; (F/B/C);
                      V5=B160004; (TRANSFER);
                      V6=B440004; (CBN);
                      V8=B65004; (SKIP TO BLOCK N);
                      V2; (FETCH NEXT WORD NORMAL ENTRY);
                10;     =Q15; J7C15Z;
                      MOM15Q; Q15;
                14;       =V2; ZERO; =V3;
                      EXIT1; (NORMAL EXIT);
                      (INITIAL ENTRY FORWARDS READ);
                1;      V1; V4; =Q15; C15;
                6;      VO; =Q15; =M15; Q15; JSE70;
                      J13;
                      V6; JSE70;
                      J13;
                      =V7; DUP; J14*NEZ; J13;
                7;      V5; JSE70;
                      J13;
                8;      DUP; J10*NEZ;
                13;      SET8146; JP7; (FAILURE);
                3;      V4; JSE70;
                      J13;
                      EXIT1;
                P6V6;       VO=QAYYO/AYY255/B121105;
                      V1=QAYY256/AYY511/O;
                      V2=O;
                      V3=B160005;
                      V4=B60105;
                      V5=B17501035321;
                      V2;
                2;      =Q15;=MOM15Q; J4C15Z;
                      Q15;
                7;      =V2; EXIT1;
                1;      V1; VO;
                      JSE70; J6; J7;
                4;      V3; JSE70; J6; =V2;
                      EXIT1;
                6;      SET8246; JP7; (FAILURE);
                3;      V2; =RI15; V4; =M15;
                      Q15; JSE70; J6; EXIT1;

                P7;       =RI15;
                      Z39; ZERO; NOT; STR;
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        NEV; OR; =Z39;
        SETB200; =M15;
        Q15; JE70;
P3;       (SEARCH LEVEL PARAMETERS FOR A LEVEL L);
        ZERO; =RM13; SETB377; $HC-8; REV;
1;        Z50M13; =Q13; I13; DUP; =M13;
        J2*NEZ;
        REV; ERASE; (NONE EXIST N1=L); EXIT1;
2;        DUPD; Z52M13; NEV; AND; J1*NEZ;
        REV; ERASE; (N1=L; M13=ALP OF L); EXIT2;
P880;       JSP881; JSP882; JSP883; EXIT1;
P881;       JS1P2; JS1P6; JSP2; JSP6;
1;        JSP2; DUP; SETB374; AND; SETB120;
        NEV; J3*NEZ; JSP3 ; J4;
        Z50M13; SHC-1; J3*GEZ;
        JSP6;

2;        JSP2; DUP; JSP6;
        SETB377; AND; SETB334; NEV; J2*NEZ;
        J1;
3;        SETB737; AND; SETB634; NEV; J1*NEZ;
        JS3P2; EXIT1;
4;        SET1046; JP7;
P882;       ZERO; =RC1; Q1TOQ2; JS1P2;
1;        JSP2; DUP; SETB737; AND; SETB614;
        NEV; J9=Z;
        DUP; SETB374; AND; SETB120; NEV;
        J3*NEZ;
        JSP3; J8;Z50M13; SHC-1; J4*GEZ;
        ERASE;
2;        JSP2; SETB377; AND; SETB334; NEV;
        J2*NEZ;
        J1;
3;        DUP; SETB377; AND; SETB334; NEV;
        J6=Z;
        DUP; SETB737; AND; SETB634; NEV;
        J6=Z;
        J5;
4;        Q1; =YAOM2Q;
5;        =YOM1Q; J1;
6;        =YOM1Q; M-I2; YAOM2; DUP; =Q3;
        =Q4;
7;        YOM3Q; JSP6; M3; M1; -;
        J7*NEZ;
        Q4; =Q1;
        M2; J1*NEZ;
        JS3P2; JS3P6; EXIT1;
8;        SET1146; JP7;
9;        ERASE; JSP2; J4;
P883V1;       ZERO; =RC1; Q1TOQ2; Q1TOQ3; Q1TOQ4;
        JSP884;
        JS1P2; JS1P6;
1;        JSP2; DUP; SETB777; AND; SETB614;
        NEV; J2*NEZ;
        JSP6; J1;
2;        DUP; SETB374; AND; SETB120; NEV;
        J3=Z;
        DUP; SETB206; NEV; J3=Z;
        V0=B10600100201;
        DUP; SHC-9; SHL-16; V0; NEV;
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                J3=Z;
                DUP; SHC-9; SHL-16; V1; NEV;J5=Z;
                V1=B1160010020;
                DUP; SETB377; AND; SETB374; NEV;J5=Z;
                DUP; SETB377; AND; SETB334; NEV;J5=Z;
                DUP; SETB777; AND; SETB634; NEV;
                J4*NEZ;
                JSP6; JS3P6; JS3P2; JSP884; EXIT1;
          3;      Q2; =YAOM3Q;
          4;      =YOM2Q; J1;
          5;      =YOM2Q; M-I3; YAOM3; =Q4; Q4TOQ5;
                M2; M4; -; =I6;
                SETB236; =M6; YOM4; SETB206;
                NEV; J6*NEZ;
                M1; =C6; J7;

          6;YOM4; SHL-40; NEG; =C6;
          7;      Q6; JSP6;8;YOM5Q; JSP6; M5; M2; -;
                J8*LTZ;
                Q6; JSP6; Q4TOQ2;
                YOM4; SETB206; NEV; J1*NEZ;
                M1; SHL+8; SETB366; OR;
                M+I1; J4;
          P884;      SETB4004; JSE70; J1P0; EXIT1;
          (P1000);FINISH;

     *EM
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