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10 REM*****
20 REM*****
30 REM*****
40 REM*****          LOESUNGSVORSCHLAG ZU          *****
50 REM*****          Messempfaenger              *****
60 REM*****          UEBUNG d)+e)                *****
70 REM*****
80 REM*****          GST 11/88                    *****
90 REM*****
115 REM
120 REM ~~~~~
130 PRINT "E-[2J": Sweep_ende=0
140 REM ~~~~~
220 GOSUB Ieee_init
230 GOSUB Esvp_init
240 GOSUB Esh3_init
250 REM ~~~~~
300 GOSUB Warteschleife
995 END
996 REM ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
997 REM ::::::::::::::: Programmende ::::::::::::::::::::::::::::::::::::
998 REM ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
999 REM
1000Ieee_init: REM ~~~~~
1010 IEC IFC ,DCL ,TIME 2000,TERM 13
1020 ON SRQ1 GOSUB Service
1048 RETURN
1049 REM ~~~~~
1100Esvp_init: REM ~~~~~
1110 Esvp=18
1114 REM ...
1117 REM ...
1120 Nachricht$="WZ5,RCO,RAO,A1,B2,TSD,SA80,SO108,SEO.15,SU100,SL00,P1,C1"
1130 GOSUB Esvp_out
1148 RETURN
1149 REM ~~~~~
1200Esh3_init: REM ~~~~~
1205 REM
1210 Esh3=17
1214 REM ...
1217 REM ...
1220 Nachricht$="U0,RCO,RAO,A1,B2,TSD,SA10,SO20,SE=0.01,SU100,SL00,P1,C1"
1230 GOSUB Esh3_out
1248 RETURN
1249 REM ~~~~~
1300Esvp_out: REM ~~~~~
1305 REM
1310 IEC OUT Esvp,Nachricht$
1348 RETURN
1349 REM ~~~~~
1400Esh3_out: REM ~~~~~
1405 REM
1410 IEC OUT Esh3,Nachricht$
1448 RETURN
1449 REM ~~~~~

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1500Esvp_in: REM ~~~~~
1505 REM
1510 IEC IN Esvp,Frequenz$: Frequenz=VAL(Frequenz$)
1520 IEC IN Esvp,Pegel$: Pegel=VAL(Pegel$)
1530 PRINT "ESVP_in: ";Frequenz,Pegel
1540 REM
1548 RETURN
1549 REM ~~~~~
1600Esh3_in: REM ~~~~~
1605 REM
1610 IEC IN Esh3,Frequenz$: Frequenz=VAL(Frequenz$)
1620 IEC IN Esh3,Pegel$: Pegel=VAL(Pegel$)
1630 PRINT "ESH3_in: ";Frequenz,Pegel
1640 REM
1648 RETURN
1649 REM ~~~~~
1700Serial_poll: REM ~~~~~
1705 IF Esh3=0 THEN 1725
1710     IEC SPL Esh3,Status%
1720 IF (Status%>64) THEN GOSUB Srq_status_esh3
1725 IF Esvp=0 THEN 1748
1730     IEC SPL Esvp,Status%
1740 IF (Status%>64) THEN GOSUB Srq_status_esvp
1748 RETURN
1749 REM ~~~~~
1800Srq_status_esh3: REM ~~~~~
1810 IF (Status%=80) THEN GOSUB Esh3_in
1820 IF (Status%=81) THEN Nachricht$="SR": GOSUB Esh3_out
1830 IF (Status%=82) THEN Sweep_ende=Sweep_ende+1
1840 IF (Status%=96) THEN GOSUB Fehlerbehandlung
1848 RETURN
1849 REM ~~~~~
1850Srq_status_esvp: REM ~~~~~
1855 IF (Status%=80) THEN GOSUB Esvp_in
1860 IF (Status%=81) THEN Nachricht$="SR": GOSUB Esvp_out
1870 IF (Status%=82) THEN Sweep_ende=Sweep_ende+1
1880 IF (Status%=96) THEN GOSUB Fehlerbehandlung
1898 RETURN
1899 REM ~~~~~
1900Warteschleife: REM ~~~~~
1910 IF Sweep_ende=2 THEN GOTO Programmschluss
1920 GOTO Warteschleife
1930Programmschluss: REM
1940 PRINT "Sweep_Ende"
1948 RETURN
1949 REM ~~~~~
2000Service: REM ~~~~~
2010 GOSUB Serial_poll
2020 REM .....
2030 REM .....
2048 ON SRQ1 GOSUB Service: RETURN
2049 REM ~~~~~
2100Fehlerbehandlung: REM ~~~~~
2110 REM
2120 PRINT "SYNTAXFEHLER": STOP
2130 REM .....
2148 RETURN
2149 REM ~~~~~
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