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File      : 70116_01.GDM
Time/Date : Thu Jan 174 11:26:25 2005

IPP
TYPE-C PIB
1106-6007F
03-05/02/15
FAST TASK : 4
LANGUAGES : UK,
SYMBOLS   : YES
USERPROG  : NO
CORE OIS  : 0000.0000
CUST OIS  : 0000.0000
FIR0 OIS  : 0000.0000
FIR1 OIS  : 0000.0000
FIR2 OIS  : 0000.0000
ENH0 OIS  : 0000.0000
ENH1 OIS  : 0000.0000
ENH2 OIS  : 0000.0000
ENH3 OIS  : 0000.0000

DEF TABLE A1.0=1,0,0,0,0,ID FAN OFF
DEF TABLE A1.1=1,0,0,0,0,PLC TURNING GEAR
DEF TABLE A1.2=1,0,0,0,0,PLC NORMAL SPEED
DEF TABLE A1.3=1,0,0,0,0,PLC RUN
DEF TABLE A1.4=1,0,0,0,0,O/P DIS CLOSED
DEF TABLE A1.5=1,0,0,0,0,REAC FAN 1 OK
DEF TABLE A1.6=1,0,0,0,0,REAC FAN 2 OK
DEF TABLE A1.7=1,0,0,0,0,REAC HIGH TEMP
DEF TABLE A2.0=1,0,0,0,0,SLAVE I/P
DEF TABLE A2.1=1,0,0,0,0,OTH CH RUNNING
DEF TABLE A2.2=1,0,0,0,0,I/P XFMR A O/T
DEF TABLE A2.3=1,0,0,0,0,I/P XFMR B O/T
DEF TABLE A2.4=1,0,0,0,0,I/P XFMR C O/T
DEF TABLE A2.5=1,0,0,0,0,DRIVE RESET
DEF TABLE A2.6=1,0,0,0,0,GATE PSU ALRM OK
DEF TABLE A2.7=1,0,0,0,0,GATE PSU TRIP OK
DEF TABLE A2.8=1,0,0,0,0,SPARE A2.8
DEF TABLE A2.9=1,0,0,0,0,SPARE A2.9
DEF TABLE A2.10=1,0,0,0,0,SPARE A2.10
DEF TABLE A2.11=1,0,0,0,0,SUPP SRGE CCT OK
DEF TABLE A2.12=1,0,0,0,0,HV DOORS CLOSED
DEF TABLE A2.13=1,0,0,0,0,CONTROL PSU'S OK
DEF TABLE A2.14=1,0,0,0,0,GROUND FAULT OK
DEF TABLE A2.15=1,0,0,0,0,EXC CONTROLER OK
DEF TABLE A4.0=1,0,0,0,0,COOL RES LEV TRP
DEF TABLE A4.1=1,0,0,0,0,COOL RES LEV ALM
DEF TABLE A4.2=1,0,0,0,0,COOL LO FLOW TRP
DEF TABLE A4.3=1,0,0,0,0,COOL LO FLOW ALM
DEF TABLE A4.4=1,0,0,0,0,COOL HI COND TRP
DEF TABLE A4.5=1,0,0,0,0,COOL HI TEMP TRP
DEF TABLE A4.6=1,0,0,0,0,COOL PAN H20 ALM
DEF TABLE A4.7=1,0,0,0,0,SPARE A4.7
DEF TABLE A4.8=1,0,0,0,0,COOL PUMP 1 O/L
DEF TABLE A4.9=1,0,0,0,0,COOL PUMP 2 O/L
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DEF TABLE A4.10=1,0,0,0,0,SPARE A4.10
DEF TABLE A4.11=1,0,0,0,0,SPARE A4.11
DEF TABLE A4.12=1,0,0,0,0,SPARE A4.12
DEF TABLE A4.13=1,0,0,0,0,SPARE A4.13
DEF TABLE A4.14=1,0,0,0,0,SPARE A4.14
DEF TABLE A4.15=1,0,0,0,0,SPARE A4.15
DEF TABLE A32.0=1,0,0,0,0,E-STOP
DEF TABLE A32.1=1,0,0,0,0,ENC 1
DEF TABLE A32.2=1,0,0,0,0,ENC 2
DEF TABLE A32.3=1,0,0,0,0,ENC 3
DEF TABLE A32.4=1,0,0,0,0,SPARE
DEF TABLE A32.5=1,0,0,0,0,SPARE
DEF TABLE A32.6=1,0,0,0,0,SPARE
DEF TABLE A32.7=1,0,0,0,0,HV BRKR CLOSED
DEF TABLE A35.0=1,0,0,0,0,BATTERY OK
DEF TABLE A35.1=1,0,0,0,0,WATCHDOG TRIP
DEF TABLE A35.2=1,0,0,0,0,SIGMA EPF
DEF TABLE B1.8=1,0,0,0,0,DRIVE HLTHY DHR
DEF TABLE B1.9=1,0,0,0,0,DRIVE ALARM DAR
DEF TABLE B1.10=1,0,0,0,0,HV NOT TRIP IBT
DEF TABLE B1.11=1,0,0,0,0,CLOSE EXC FCC
DEF TABLE B1.12=1,0,0,0,0,CLSE OP DIS DIS
DEF TABLE B1.13=1,0,0,0,0,RL1 SPARE
DEF TABLE B1.14=1,0,0,0,0,RL2 SPARE
DEF TABLE B1.15=1,0,0,0,0,RL3 SPARE
DEF TABLE B3.0=1,0,0,0,0,ZERO SPEED ZSR
DEF TABLE B3.1=1,0,0,0,0,MIN SPEED MSR
DEF TABLE B3.2=1,0,0,0,0,TRNG GEAR TGS
DEF TABLE B3.3=1,0,0,0,0,SPD REF LOSS SRF
DEF TABLE B3.4=1,0,0,0,0,SLAVE OUTPUT SOR
DEF TABLE B3.5=1,0,0,0,0,DRIVE RUNING DRR
DEF TABLE B3.6=1,0,0,0,0,RL4 SPARE
DEF TABLE B3.7=1,0,0,0,0,RL5 SPARE
DEF TABLE B3.8=1,0,0,0,0,COOL PMP 1 START
DEF TABLE B3.9=1,0,0,0,0,COOL PMP 2 START
DEF TABLE B3.10=1,0,0,0,0,COOL DI H2O SV
DEF TABLE B3.11=1,0,0,0,0,RL6 SPARE
DEF TABLE B3.12=1,0,0,0,0,RL7 SPARE
DEF TABLE B3.13=1,0,0,0,0,RL8 SPARE
DEF TABLE B3.14=1,0,0,0,0,RL9 SPARE
DEF TABLE B3.15=1,0,0,0,0,RL10 SPARE
DEF TABLE C0=2147483647,-2147483648,0,0,0,SUPPLY CURENT FB
DEF TABLE C1=2147483647,-2147483648,0,0,0,MACH CURRENT FB
DEF TABLE C2=2147483647,-2147483648,0,0,0,SPARE
DEF TABLE C3=2147483647,-2147483648,0,0,0,SPARE
DEF TABLE C4=2147483647,-2147483648,0,0,0,MAINS 1 VOLTS
DEF TABLE C5=2147483647,-2147483648,0,0,0,MAINS 2 VOLTS
DEF TABLE C6=2147483647,-2147483648,0,0,0,TORQUE REF I/P
DEF TABLE C7=2147483647,-2147483648,0,0,0,EXCITER CURRENT
DEF TABLE C8=2147483647,-2147483648,0,0,0,480V SUPPLY
DEF TABLE C11=2147483647,-2147483648,0,0,0,A STATOR VOLTS
DEF TABLE C12=2147483647,-2147483648,0,0,0,B STATOR VOLTS
DEF TABLE C14=2147483647,-2147483648,0,0,0,PLC SPEED REF
DEF TABLE C15=2147483647,-2147483648,0,0,0,COOL TEMPERATURE
DEF TABLE C16=2147483647,-2147483648,0,0,0,COOL CONDUCTIVIT
DEF TABLE C17=2147483647,-2147483648,0,0,0,COOL FLOW
DEF TABLE D0=2147483647,-2147483648,0,0,0,EXC CONTRLER REF
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DEF TABLE D1=2147483647,-2147483648,0,0,0,TORQUE REF O/P
DEF TABLE D2=2147483647,-2147483648,0,0,0,SPARE
DEF TABLE D3=2147483647,-2147483648,0,0,0,SPARE
DEF TABLE D4=2147483647,-2147483648,0,0,0,MOTOR SPEED F/B
DEF TABLE D5=2147483647,-2147483648,0,0,0,MOTOR CURENT F/B
DEF TABLE D6=2147483647,-2147483648,0,0,0,MOTOR VOLTS F/B
DEF TABLE D7=2147483647,-2147483648,0,0,0,SPARE
DEF TABLE E21=2147483647,-2147483648,0,0,0,CHNL ID SETTING
DEF TABLE G1.0=1,0,0,0,0,TRIP FAULT
DEF TABLE G1.1=1,0,0,0,0,TRIPS HEALTHY
DEF TABLE G1.10=1,0,0,0,0,PRESET V/F RAMP
DEF TABLE G1.11=1,0,0,0,0,RESET
DEF TABLE G1.12=1,0,0,0,0,TRIP HISTORY
DEF TABLE G7=2147483647,-2147483648,0,0,0,SIGMA TEMP
DEF TABLE G11=2147483647,-2147483648,0,0,0,HDLC MSGS RECVD
DEF TABLE G12.0=1,0,0,0,0,HDLC CARD FAIL
DEF TABLE G13=2147483647,-2147483648,0,0,0,HDLC AND W600'S
DEF TABLE G14=2147483647,-2147483648,0,0,0,OPTO LINK COMP

DEF TABLE G15.0=1,0,0,0,0,OPTO LINK FAIL
DEF TABLE G16.0=1,0,0,0,0,12P TRQ REF HI
DEF TABLE G16.1=1,0,0,0,0,12P TRQ REF LO
DEF TABLE G23.10=1,0,0,0,0,DIS PARITY TRIPS
DEF TABLE G30=2147483647,-2147483648,0,0,0,CONV DIAG MASK
DEF TABLE G42.0=1,0,0,0,0,NOT SYNCED
DEF TABLE G42.1=1,0,0,0,0,SYNC FRQ HIGH OK
DEF TABLE G42.2=1,0,0,0,0,SYNC FRQ LOW OK
DEF TABLE G42.3=1,0,0,0,0,NATURAL COM OK
DEF TABLE G42.4=1,0,0,0,0,IN MODE 1
DEF TABLE G42.7=1,0,0,0,0,CHECK START FAIL
DEF TABLE G42.9=1,0,0,0,0,ENCLESS START OK
DEF TABLE G42.10=1,0,0,0,0,REMOTE STOP
DEF TABLE G50.0=1,0,0,0,0,PULSES RELEASED
DEF TABLE G50.1=1,0,0,0,0,STARTED
DEF TABLE G50.2=1,0,0,0,0,CONTROL AVLBLE
DEF TABLE G50.4=1,0,0,0,0,L128 PULS RELSED
DEF TABLE G50.6=1,0,0,0,0,START SEQUENCE

DEF TABLE G50.7=1,0,0,0,0,LCL START CHAIN
DEF TABLE G50.8=1,0,0,0,0,REM START CHAIN
DEF TABLE G50.9=1,0,0,0,0,STOPPED
DEF TABLE G50.11=1,0,0,0,0,SLECT RMP RATE2
DEF TABLE G51.0=1,0,0,0,0,OVERVOLTS OK
DEF TABLE G51.1=1,0,0,0,0,MOTOR OVERSPEED
DEF TABLE G51.2=1,0,0,0,0,SUP PHASE REF OK
DEF TABLE G51.3=1,0,0,0,0,AUX 480V SUP LO
DEF TABLE G51.4=1,0,0,0,0,PIB PLUG INTLK
DEF TABLE G51.9=1,0,0,0,0,MOTOR OVER FLUX
DEF TABLE G51.10=1,0,0,0,0,UNDER FLUX OK
DEF TABLE G51.11=1,0,0,0,0,PIB CONFIG OK
DEF TABLE G51.13=1,0,0,0,0,EXCITER OK
DEF TABLE G52.0=1,0,0,0,0,STARTED
DEF TABLE G52.7=1,0,0,0,0,ZCD OK
DEF TABLE G54.0=1,0,0,0,0,KEYPAD REM/LOCAL
DEF TABLE G54.1=1,0,0,0,0,DRIVE IN LOCAL
DEF TABLE G54.2=1,0,0,0,0,DRIVE IN REMOTE
DEF TABLE G56.2=1,0,0,0,0,IN 1ST SKIP BAND
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DEF TABLE G56.3=1,0,0,0,0,IN 2ND SKIP BAND
DEF TABLE G56.4=1,0,0,0,0,SKP BND ACL RATE
DEF TABLE G56.5=1,0,0,0,0,REF IN SKIP 1
DEF TABLE G56.6=1,0,0,0,0,REF IN SKIP 2
DEF TABLE G56.7=1,0,0,0,0,IN SKP1 FROM BLW
DEF TABLE G56.8=1,0,0,0,0,IN SKP1 FROM ABV
DEF TABLE G56.9=1,0,0,0,0,IN SKP2 FROM BLW
DEF TABLE G56.10=1,0,0,0,0,IN SKP2 FROM ABV
DEF TABLE G60.0=1,0,0,0,0,12 PULSE MASTER
DEF TABLE G60.1=1,0,0,0,0,12 PULSE SLAVE
DEF TABLE G60.2=1,0,0,0,0,6 PULSE MASTER
DEF TABLE G60.3=1,0,0,0,0, ANY MASTER
DEF TABLE G62=2147483647,-2147483648,0,0,0,SOR SET TMR
DEF TABLE G63=2147483647,-2147483648,0,0,0,GROUND FAULT TMR
DEF TABLE G70.0=1,0,0,0,0,IN MODE 1
DEF TABLE G80=20000,-20000,2,0,1,CURRENT REF
DEF TABLE G81=20000,-20000,2,0,1,ADJSTD I REF
DEF TABLE G82=2147483647,-2147483648,2,0,1,I LIMIT MAX
DEF TABLE G83=2147483647,-2147483648,0,0,0,SCALED TQ REF IN
DEF TABLE G85=20000,-20000,2,0,1,SKIP BAND REF
DEF TABLE G88=2147483647,-2147483648,0,0,0,LIMITED BETA REF
DEF TABLE G90=20000,-20000,2,0,1,SPEED REF
DEF TABLE G91=20000,-20000,2,0,1,LIMITED SPD REF
DEF TABLE G92=20000,-20000,2,0,1,KEYPAD SPEED REF
DEF TABLE G94=32767,-32767,0,0,0,SPARE OUTPUT D2
DEF TABLE G95=32767,-32767,0,0,0,MOTOR VOLTAGE
DEF TABLE G96=32767,-32767,0,0,0,DC LINK CURRENT
DEF TABLE G97=600,-600,0,0,0,V/F TRIM REF
DEF TABLE G98=2147483647,-2147483648,0,0,0,I REF STEP I/P
DEF TABLE G110.0=1,0,0,0,0,RELEASE V/F REG
DEF TABLE G110.2=1,0,0,0,0,INHIBIT V/F REG
DEF TABLE G111=20000,-20000,2,0,1,LAST 1 SEC N REF
DEF TABLE G112=20000,-20000,2,0,1,LAST 2 SEC N REF
DEF TABLE G113=20000,-20000,2,0,1,LAST 3 SEC N REF
DEF TABLE G114=20000,-20000,2,0,1,LAST 4 SEC N REF
DEF TABLE G115=20000,-20000,2,0,1,LAST 5 SEC N REF
DEF TABLE G150=2147483647,-2147483648,0,0,0,RSET ONE SHOT
DEF TABLE G152=2147483647,-2147483648,0,0,0,COUNT ONE
DEF TABLE G154=2147483647,-2147483648,0,0,0,RST ONE SHOT LEN
DEF TABLE G155=2147483647,-2147483648,0,0,0,PULSE LENGTH
DEF TABLE G181=2147483647,-2147483648,0,0,0,PULSE RELEASE DL
DEF TABLE G182=2147483647,-2147483648,0,0,0,START FAIL TMR
DEF TABLE G183=2147483647,-2147483648,0,0,0,START FAIL VAL
DEF TABLE G184=2147483647,-2147483648,0,0,0,START FAIL MIN F
DEF TABLE G259=2147483647,-2147483648,0,0,0,FILTERED SUPPLY
DEF TABLE G269=2147483647,-2147483648,0,0,0,FILTERED SUPP V
DEF TABLE G300.0=1,0,0,0,0,SURGE CCT ALARM
DEF TABLE G300.1=1,0,0,0,0,REAC FAN 1 FAIL
DEF TABLE G300.2=1,0,0,0,0,REAC FAN 2 FAIL
DEF TABLE G300.3=1,0,0,0,0,BOTH REAC FANS
DEF TABLE G300.4=1,0,0,0,0,START FAIL TRIP
DEF TABLE G300.5=1,0,0,0,0,MODULE 128 PROT
DEF TABLE G300.6=1,0,0,0,0,6 PLS EXC FAIL
DEF TABLE G300.8=1,0,0,0,0,SUPPLY HI V TRIP
DEF TABLE G300.9=1,0,0,0,0,INV LO V  TRIP
DEF TABLE G300.10=1,0,0,0,0,INV HI V TRIP
DEF TABLE G300.11=1,0,0,0,0,INV HIFREQ TRIP
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DEF TABLE G300.14=1,0,0,0,0,MODE1 ENCDR TRIP
DEF TABLE G300.15=1,0,0,0,0,RUN FAIL TRIP
DEF TABLE G301.0=1,0,0,0,0,LCL STOP REQ
DEF TABLE G301.1=1,0,0,0,0,LOCAL STOP FLT
DEF TABLE G301.7=1,0,0,0,0,SUPPLY LO V ALRM
DEF TABLE G301.8=1,0,0,0,0,SUPPLY HI V ALRM
DEF TABLE G301.14=1,0,0,0,0,MODE2 ENCD ALARM
DEF TABLE G302.4=1,0,0,0,0,SPD RAMP RELEASE
DEF TABLE G320.0=1,0,0,0,0,CLR LOCL RUN
DEF TABLE G320.2=1,0,0,0,0,REM STOP REQ
DEF TABLE G320.3=1,0,0,0,0,CLR REM RUN
DEF TABLE G320.4=1,0,0,0,0,CLR ALL RUNS
DEF TABLE G320.6=1,0,0,0,0,SLOW SPEED
DEF TABLE G321.1=1,0,0,0,0,ANY TRIP
DEF TABLE G321.2=1,0,0,0,0,CHANNEL ALARM
DEF TABLE G321.3=1,0,0,0,0,DIAGNOSTICS ALM
DEF TABLE G321.4=1,0,0,0,0,DIAGNOSTICS TRIP
DEF TABLE G321.5=1,0,0,0,0,DIAGNOSTICS FLT
DEF TABLE G400.0=1,0,0,0,0,COOL RES LVL TRP
DEF TABLE G400.1=1,0,0,0,0,COOL RES LVL ALM
DEF TABLE G400.2=1,0,0,0,0,COOL LOW FLO TRP
DEF TABLE G400.3=1,0,0,0,0,COOL LOW FLO ALM
DEF TABLE G400.4=1,0,0,0,0,COOL HI COND TRP
DEF TABLE G400.5=1,0,0,0,0,COOL HI COND ALM
DEF TABLE G400.6=1,0,0,0,0,COOL HI TEMP TRP
DEF TABLE G400.7=1,0,0,0,0,COOL HI TEMP ALM
DEF TABLE G400.10=1,0,0,0,0,PUMP 1 ALARM
DEF TABLE G400.11=1,0,0,0,0,PUMP 2 ALARM
DEF TABLE G400.13=1,0,0,0,0,COOL COND ALM
DEF TABLE G400.14=1,0,0,0,0,COOL TEMP ALM
DEF TABLE G400.15=1,0,0,0,0,NO HONEYWELL SIG
DEF TABLE G401=2147483647,-2147483648,0,0,0,COOL RES TRP TMR
DEF TABLE G402=2147483647,0,0,0,3,COOL RES TRP DEL
DEF TABLE G403=2147483647,-2147483648,0,0,0,COOL RES ALM TMR
DEF TABLE G404=2147483647,0,0,0,3,COOL RES ALM DEL
DEF TABLE G405=2147483647,-2147483648,0,0,0,COOL FLO TRP TMR
DEF TABLE G406=2147483647,0,0,0,3,COOL FLO TRP DEL
DEF TABLE G407=2147483647,-2147483648,0,0,0,COOL FLO ALM TMR
DEF TABLE G408=2147483647,0,0,0,3,COOL FLO ALM DEL
DEF TABLE G409=2147483647,-2147483648,0,0,0,COOL CND TRP TMR
DEF TABLE G410=2147483647,0,0,0,3,COOL CND TRP DEL
DEF TABLE G411=2147483647,-2147483648,0,0,0,COOL CND ALM TMR
DEF TABLE G412=2147483647,0,0,0,3,COOL CND ALM DEL
DEF TABLE G413=2147483647,-2147483648,0,0,0,COOL TMP TRP TMR
DEF TABLE G414=2147483647,0,0,0,3,COOL TMP TRP DEL
DEF TABLE G415=2147483647,-2147483648,0,0,0,COOL TMP ALM TMR
DEF TABLE G416=2147483647,0,0,0,3,COOL TMP ALM DEL
DEF TABLE G417=2147483647,0,0,864000,4,COOL CHPOVR SECS
DEF TABLE G420=2147483647,0,0,1000,4,COOL FLO CHPOVR
DEF TABLE G430=2147483647,-2147483648,0,0,0,COOL COND AL SP
DEF TABLE G431=2147483647,-2147483648,0,0,0,COOL COND AL HYS
DEF TABLE G432=2147483647,-2147483648,0,0,0,COOL TEMP AL SP
DEF TABLE G433=2147483647,-2147483648,0,0,0,COOL TEMP AL HYS
DEF TABLE G434=2147483647,-2147483648,0,0,0,COND/TMP SIG LOS
DEF TABLE G450=2147483647,-2147483648,0,0,0,SIG BAT TIMER
DEF TABLE G451=2147483647,-2147483648,0,0,0,SIG BAT TIME DEL
DEF TABLE G452.0=1,0,0,0,0,SIG BAT OK
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DEF TABLE G452.1=1,0,0,0,0,ENABLE HMI ALMS
DEF TABLE G453=2147483647,-2147483648,0,0,0,HMI ALM DEL
DEF TABLE G454=2147483647,-2147483648,0,0,0,HMI ALM DEL TIME
DEF TABLE G460=2147483647,-2147483648,1,0,12,UPS SUP MONITOR
DEF TABLE G461=2000,0,3,2000,0,CONDUCTIVITY US/
DEF TABLE G462=2147483647,-2147483648,0,0,0,RUN FLT DEL
DEF TABLE G463=2147483647,-2147483648,0,0,0,RUN FLT DEL VAL
DEF TABLE G500.0=1,0,0,0,0,LTCHD SUPP 1 O/C
DEF TABLE G500.1=1,0,0,0,0,LTCHD MACH 1 O/C
DEF TABLE G500.2=1,0,0,0,0,UNLCHD SUP1 O/C
DEF TABLE G500.3=1,0,0,0,0,UNLCHD MAC1 O/C
DEF TABLE G500.4=1,0,0,0,0,LTCHD S1/M1 PRTY
DEF TABLE G501.0=1,0,0,0,0,SUPP1 O/CURR OK
DEF TABLE G501.1=1,0,0,0,0,MACH 1 O/CURR OK
DEF TABLE G501.2=1,0,0,0,0,OVERCURRENT OK
DEF TABLE G502.0=1,0,0,0,0,BOTH O/CURRENT
DEF TABLE G503.0=1,0,0,0,0,START AUTO RESET
DEF TABLE G503.1=1,0,0,0,0,RESTARTING
DEF TABLE G503.2=1,0,0,0,0,RESET MOD 128
DEF TABLE G503.3=1,0,0,0,0,COUNTED FOUR
DEF TABLE G503.5=1,0,0,0,0,FIFTEEN MINS UP
DEF TABLE G510=2147483647,-2147483648,0,0,3,SUP1 O/C TIMER
DEF TABLE G511=500,5,0,5,3,SUP1 O/C TIME
DEF TABLE G512=2147483647,-2147483648,0,0,3,MACH1 O/C TIM
DEF TABLE G513=500,5,0,5,3,MACH1 O/C TIME
DEF TABLE G514=2147483647,-2147483648,0,0,3,BOTH O/C TIMER
DEF TABLE G515=2147483647,-2147483648,0,0,3,BOTH O/C TIME
DEF TABLE G516=2147483647,-2147483648,0,0,3,RESTART WAIT
DEF TABLE G517=2147483647,-2147483648,0,0,3,RSTART WAIT TIME
DEF TABLE G518=2147483647,-2147483648,0,0,3,RESTART PULSE CN
DEF TABLE G519=2147483647,-2147483648,0,0,3,RST M128 PULSE D
DEF TABLE G520=2147483647,-2147483648,0,0,3,RST M128 PULSE
DEF TABLE G521=2147483647,-2147483648,0,0,0,RST LENGTH
DEF TABLE G522=2147483647,-2147483648,0,0,0,AUTO REST CNTR
DEF TABLE G523=5,0,0,0,0,RESTART ATTEMPTS
DEF TABLE G524=2147483647,-2147483648,0,0,4,ELAPSED TIME
DEF TABLE G525=2147483647,-2147483648,0,0,4,ONE MIN TIME
DEF TABLE G527.0=1,0,0,0,0,SET SUP1 FLT
DEF TABLE G528.0=1,0,0,0,0,SET MACH1 FLT
DEF TABLE G531=2147483647,-2147483648,0,0,3,SUP1 FLT TIME
DEF TABLE G532=2147483647,-2147483648,0,0,0,SWARE O/C LEVEL
DEF TABLE G533=2147483647,-2147483648,0,0,3,O/CURRENT THRESH
DEF TABLE G534=2147483647,-2147483648,0,0,0,MACH O/C CNTR
DEF TABLE G536=2147483647,-2147483648,0,0,3,MACH1 FLT TIME
DEF TABLE G538=2147483647,-2147483648,0,0,0,SUPP O/C CNTR
DEF TABLE G540=2147483647,-2147483648,0,0,3,SLINK T/OUT TIME
DEF TABLE G542=2147483647,-2147483648,0,0,1,S1/M1 PRTY THRES
DEF TABLE G543.0=1,0,0,0,0,SRL COMMS FAIL
DEF TABLE G546=2147483647,-2147483648,0,0,3,S1/M1 FAULT TIME
DEF TABLE G548=2147483647,-2147483648,0,0,3,RDTH ALM LTCH TM
DEF TABLE G575=2147483647,-2147483648,0,0,0,FILT ATTEN POWER
DEF TABLE G600=2147483647,-2147483648,0,0,0,KEYPAD H1 LINC
DEF TABLE G601=2147483647,-2147483648,0,0,0,KEYPAD H1 MULT
DEF TABLE G602=2147483647,-2147483648,0,0,0,KEYPAD H1 DIV
DEF TABLE G603=2147483647,-2147483648,0,0,0,KEYPAD H1 OFF
DEF TABLE G604=2147483647,-2147483648,0,0,0,KEYPAD H2 LINC
DEF TABLE G605=2147483647,-2147483648,0,0,0,KEYPAD H2 MULT
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DEF TABLE G606=2147483647,-2147483648,0,0,0,KEYPAD H2 DIV
DEF TABLE G607=2147483647,-2147483648,0,0,0,KEYPAD H2 OFF
DEF TABLE G608=2147483647,-2147483648,0,0,0,KEYPAD H3 LINC
DEF TABLE G609=2147483647,-2147483648,0,0,0,KEYPAD H3 MULT
DEF TABLE G610=2147483647,-2147483648,0,0,0,KEYPAD H3 DIV
DEF TABLE G611=2147483647,-2147483648,0,0,0,KEYPAD H3 OFF
DEF TABLE G612=2147483647,-2147483648,0,0,0,KEYPAD H4 LINC
DEF TABLE G613=2147483647,-2147483648,0,0,0,KEYPAD H4 MULT
DEF TABLE G614=2147483647,-2147483648,0,0,0,KEYPAD H4 DIV
DEF TABLE G615=2147483647,-2147483648,0,0,0,KEYPAD H4 OFF
DEF TABLE G616=2147483647,-2147483648,0,0,0,KEYPAD H5 LINC
DEF TABLE G617=2147483647,-2147483648,0,0,0,KEYPAD H5 MULT
DEF TABLE G618=2147483647,-2147483648,0,0,0,KEYPAD H5 DIV
DEF TABLE G619=2147483647,-2147483648,0,0,0,KEYPAD H5 OFF
DEF TABLE G620=2147483647,-2147483648,0,0,0,KEYPAD H6 LINC
DEF TABLE G621=2147483647,-2147483648,0,0,0,KEYPAD H6 MULT
DEF TABLE G622=2147483647,-2147483648,0,0,0,KEYPAD H6 DIV
DEF TABLE G623=2147483647,-2147483648,0,0,0,KEYPAD H6 OFFSET
DEF TABLE G648=2147483647,-2147483648,0,0,0,KEYPAD H13 LINC
DEF TABLE G649=2147483647,-2147483648,0,0,0,KEYPAD H13 MULT
DEF TABLE G650=2147483647,-2147483648,0,0,0,KEYPAD H13 DIV
DEF TABLE G651=2147483647,-2147483648,0,0,0,KEYPAD H13 OFF
DEF TABLE G652=2147483647,-2147483648,0,0,0,KEYPAD H14 LINC
DEF TABLE G653=2147483647,-2147483648,0,0,0,KEYPAD H14 MULT
DEF TABLE G654=2147483647,-2147483648,0,0,0,KEYPAD H14 DIV
DEF TABLE G655=2147483647,-2147483648,0,0,0,KEYPAD H14 OFF
DEF TABLE G656=2147483647,-2147483648,0,0,0,KEYPAD H15 LINC
DEF TABLE G657=2147483647,-2147483648,0,0,0,KEYPAD H15 MULT
DEF TABLE G658=2147483647,-2147483648,0,0,0,KEYPAD H15 DIV
DEF TABLE G659=2147483647,-2147483648,0,0,0,KEYPAD H15 OFF
DEF TABLE G660=2147483647,-2147483648,0,0,0,KEYPAD H16 LINC
DEF TABLE G661=2147483647,-2147483648,0,0,0,KEYPAD H16 MULT
DEF TABLE G662=2147483647,-2147483648,0,0,0,KEYPAD H16 DIV
DEF TABLE G663=2147483647,-2147483648,0,0,0,KEYPAD H16 OFF
DEF TABLE G691.0=1,0,0,0,0,SLVE-MSTR ONESHT
DEF TABLE G691.1=1,0,0,0,0,SLVE-MSTR TFR
DEF TABLE G697=2147483647,-2147483648,0,0,3,SLAVE-MASTER TIM
DEF TABLE G800.0=1,0,0,0,0,PIB PLUG1 ILK
DEF TABLE G800.1=1,0,0,0,0,PIB PLUG2 ILK
DEF TABLE G800.2=1,0,0,0,0,PIB PLUG3 ILK
DEF TABLE G800.3=1,0,0,0,0,PIB PLUG4 ILK
DEF TABLE G900=2147483647,-2147483648,0,0,0,V/F PROFILE FLT
DEF TABLE G901=2147483647,-2147483648,0,0,0,V/F PROFILE LWST
DEF TABLE G902=2147483647,-2147483648,0,0,0,V/F PROFILE INTV
DEF TABLE G903=2147483647,-2147483648,0,0,0,V/F PROFILE TAB
DEF TABLE G904=2147483647,-2147483648,2,0,1,V/F OP AT 0% SP
DEF TABLE G905=2147483647,-2147483648,2,0,1,V/F OP AT 5% SP
DEF TABLE G906=2147483647,-2147483648,2,0,1,V/F OP AT 10% SP
DEF TABLE G907=2147483647,-2147483648,2,0,1,V/F OP AT 15% SP
DEF TABLE G908=2147483647,-2147483648,2,0,1,V/F OP AT 20 %SP
DEF TABLE G909=2147483647,-2147483648,2,0,1,V/F OP AT 25 %SP
DEF TABLE G910=2147483647,-2147483648,2,0,1,V/F OP AT 30 %SP
DEF TABLE G911=2147483647,-2147483648,2,0,1,V/F OP AT 35% SP
DEF TABLE G912=2147483647,-2147483648,2,0,1,V/F OP AT 40% SP
DEF TABLE G913=2147483647,-2147483648,2,0,1,V/F OP AT 45% SP
DEF TABLE G914=2147483647,-2147483648,2,0,1,V/F OP AT 50% SP
DEF TABLE G915=2147483647,-2147483648,2,0,1,V/F OP AT 55% SP
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DEF TABLE G916=2147483647,-2147483648,2,0,1,V/F OP AT 60% SP
DEF TABLE G917=2147483647,-2147483648,2,0,1,V/F OP AT 65% SP
DEF TABLE G918=2147483647,-2147483648,2,0,1,V/F OP AT 70% SP
DEF TABLE G919=2147483647,-2147483648,2,0,1,V/F OP AT 75% SP
DEF TABLE G920=2147483647,-2147483648,2,0,1,V/F OP AT 80% SP
DEF TABLE G921=2147483647,-2147483648,2,0,1,V/F OP AT 85% SP
DEF TABLE G922=2147483647,-2147483648,2,0,1,V/F OP AT 90% SP
DEF TABLE G923=2147483647,-2147483648,2,0,1,V/F OP AT 95% SP
DEF TABLE G924=2147483647,-2147483648,2,0,1,V/F OP AT 100%SP
DEF TABLE G925=2147483647,-2147483648,2,0,1,V/F OP AT 105%SP
DEF TABLE H1=2147483647,-2147483648,2,0,12,MOTOR VOLTAGE
DEF TABLE H2=2147483647,-2147483648,2,0,11,MOTOR SPEED
DEF TABLE H3=2147483647,-2147483648,2,0,13,MOTOR CURRENT
DEF TABLE H4=2147483647,-2147483648,2,0,0,MOTOR POWER
DEF TABLE H5=2147483647,-2147483648,2,0,13,DC LINK CURRENT
DEF TABLE H6=2147483647,-2147483648,2,0,11,REMOTE SPEED REF
DEF TABLE H7=2147483647,-2147483648,1,10,5,MODE 1 ACCL RATE
DEF TABLE H8=2147483647,-2147483648,1,10,5,MODE 2 ACCL RATE
DEF TABLE H9=2147483647,-2147483648,1,10,5,DECEL RATE
DEF TABLE H10=2147483647,-2147483648,2,0,1,6 PULSE I LIMIT
DEF TABLE H11=2147483647,-2147483648,2,0,1,12 PULSE I LIMIT
DEF TABLE H12=2147483647,-2147483648,2,0,1,SCALED T REF IN
DEF TABLE H13=2147483647,-2147483648,3,0,12,SIGMA BATT VOLTS
DEF TABLE H14=2147483647,-2147483648,2,0,11,LCL SPEED REF
DEF TABLE H15=2147483647,-2147483648,2,0,11,HMI SPEED REF
DEF TABLE H16=2147483647,-2147483648,2,0,8,SIGMA TEMP
DEF TABLE H100.0=1,0,0,0,0,MOTOR GND FAULT
DEF TABLE H100.3=1,0,0,0,0,REACTOR O/T
DEF TABLE H100.4=1,0,0,0,0,TORQUE REF FAIL
DEF TABLE H100.5=1,0,0,0,0,EMERGENCY STOP
DEF TABLE H100.6=1,0,0,0,0,GROUND FAULT
DEF TABLE H100.7=1,0,0,0,0,SPARE
DEF TABLE H100.8=1,0,0,0,0,SPARE
DEF TABLE H102.0=1,0,0,0,0,S1 O/C RIDETHRO
DEF TABLE H102.1=1,0,0,0,0,M1 O/C RIDETHRO
DEF TABLE H102.2=1,0,0,0,0,PARITY RIDETHRO
DEF TABLE H102.3=1,0,0,0,0,IP XFMR A PH O/T
DEF TABLE H102.4=1,0,0,0,0,IP XFMR B PH O/T
DEF TABLE H102.5=1,0,0,0,0,IP XFMR C PH O/T
DEF TABLE H102.7=1,0,0,0,0,SIGMA TEMP HIGH
DEF TABLE J100=2147483647,-2147483648,0,0,0,HMI SECOND
DEF TABLE J101=2147483647,-2147483648,0,0,0,HMI MINUTE
DEF TABLE J102=2147483647,-2147483648,0,0,0,HMI HOUR
DEF TABLE J103=2147483647,-2147483648,0,0,0,HMI DAY
DEF TABLE J104=2147483647,-2147483648,0,0,0,HMI MONTH
DEF TABLE J105=2147483647,-2147483648,0,0,0,HMI YEAR
DEF TABLE J106.0=1,0,0,0,0,HMI RESET
DEF TABLE J106.1=1,0,0,0,0,HMI LOCAL REQEST
DEF TABLE J106.2=1,0,0,0,0,HMI STOP
DEF TABLE J106.3=1,0,0,0,0,HMI RUN
DEF TABLE J106.4=1,0,0,0,0,HMI TRIG HIST
DEF TABLE J106.5=1,0,0,0,0,HMI FRCE PLS REL
DEF TABLE J106.6=1,0,0,0,0,HMI FRCE EXC TST
DEF TABLE J106.7=1,0,0,0,0,HMI D/O TST MODE
DEF TABLE J106.8=1,0,0,0,0,HMI COOL MAN CTL
DEF TABLE J106.9=1,0,0,0,0,HMI COOL P1 ON
DEF TABLE J106.10=1,0,0,0,0,HMI COOL P2 ON
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DEF TABLE J106.11=1,0,0,0,0,HMI SPARE
DEF TABLE J106.12=1,0,0,0,0,HMI SPARE
DEF TABLE J106.13=1,0,0,0,0,HMI SPARE
DEF TABLE J106.14=1,0,0,0,0,HMI SPARE
DEF TABLE J106.15=1,0,0,0,0,HMI READ H/BEAT
DEF TABLE J107.0=1,0,0,0,0,HMI TEST B1.0
DEF TABLE J107.1=1,0,0,0,0,HMI TEST B1.1
DEF TABLE J107.2=1,0,0,0,0,HMI TEST B1.2
DEF TABLE J107.3=1,0,0,0,0,HMI TEST B1.3
DEF TABLE J107.4=1,0,0,0,0,HMI TEST B1.4
DEF TABLE J107.5=1,0,0,0,0,HMI TEST B1.5
DEF TABLE J107.6=1,0,0,0,0,HMI TEST B1.6
DEF TABLE J107.7=1,0,0,0,0,HMI TEST B1.7
DEF TABLE J107.8=1,0,0,0,0,HMI SPARE
DEF TABLE J107.9=1,0,0,0,0,HMI SPARE
DEF TABLE J107.10=1,0,0,0,0,HMI SPARE
DEF TABLE J107.11=1,0,0,0,0,HMI SPARE
DEF TABLE J107.12=1,0,0,0,0,HMI SPARE
DEF TABLE J107.13=1,0,0,0,0,HMI SPARE
DEF TABLE J107.14=1,0,0,0,0,HMI SPARE
DEF TABLE J107.15=1,0,0,0,0,HMI SPARE
DEF TABLE J108.0=1,0,0,0,0,HMI TEST B3.0
DEF TABLE J108.1=1,0,0,0,0,HMI TEST B3.1
DEF TABLE J108.2=1,0,0,0,0,HMI TEST B3.2
DEF TABLE J108.3=1,0,0,0,0,HMI TEST B3.3
DEF TABLE J108.4=1,0,0,0,0,HMI TEST B3.4
DEF TABLE J108.5=1,0,0,0,0,HMI TEST B3.5
DEF TABLE J108.6=1,0,0,0,0,HMI TEST B3.6
DEF TABLE J108.7=1,0,0,0,0,HMI TEST B3.7
DEF TABLE J108.8=1,0,0,0,0,HMI TEST B3.8
DEF TABLE J108.9=1,0,0,0,0,HMI TEST B3.9
DEF TABLE J108.10=1,0,0,0,0,HMI TEST B3.10
DEF TABLE J108.11=1,0,0,0,0,HMI TEST B3.11
DEF TABLE J108.12=1,0,0,0,0,HMI TEST B3.12
DEF TABLE J108.13=1,0,0,0,0,HMI TEST B3.13
DEF TABLE J108.14=1,0,0,0,0,HMI TEST B3.14
DEF TABLE J108.15=1,0,0,0,0,HMI TEST B3.15
DEF TABLE J109=10000,0,2,0,1,HMI SPEED REF
DEF TABLE J110=10000,0,2,0,1,HMI EXCITER REF
DEF TABLE K100=2147483647,-2147483648,0,0,0,HMI FAULT WORD1
DEF TABLE K101=2147483647,-2147483648,0,0,0,HMI FAULT WORD2
DEF TABLE K102=2147483647,-2147483648,0,0,0,HMI FAULT WORD3
DEF TABLE K103=2147483647,-2147483648,0,0,0,HMI FAULT WORD4
DEF TABLE K104=2147483647,-2147483648,0,0,0,HMI FAULT WORD5
DEF TABLE K105=2147483647,-2147483648,0,0,0,HMI FAULT WORD6
DEF TABLE K106=2147483647,-2147483648,0,0,0,HMI BIT WORD7
DEF TABLE K107=2147483647,-2147483648,0,0,0,HMI BIT WORD8
DEF TABLE K108=2147483647,-2147483648,0,0,0,HMI WORD9 A1+B1
DEF TABLE K109=2147483647,-2147483648,0,0,0,HMI WORD10 A2
DEF TABLE K110=2147483647,-2147483648,0,0,0,HMI WORD11 B3
DEF TABLE K111=2147483647,-2147483648,0,0,0,HMI WORD12 A4
DEF TABLE K112=2147483647,-2147483648,0,0,0,HMI WORD13 B5
DEF TABLE K113=2147483647,-2147483648,0,0,0,HMI WORD14 A32
DEF TABLE K114=2147483647,-2147483648,0,0,0,HMI WORD15 N F/B

DEF TABLE K115=2147483647,-2147483648,0,0,0,HMI WORD16 HP
DEF TABLE K116=2147483647,-2147483648,0,0,0,HMI WORD17 MOT V
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DEF TABLE K117=2147483647,-2147483648,0,0,0,HMI WORD18 MOT I
DEF TABLE K118=2147483647,-2147483648,0,0,0,HMI WORD19 TQREF
DEF TABLE K119=2147483647,-2147483648,0,0,0,HMI WORD20 SUP V
DEF TABLE K120=2147483647,-2147483648,0,0,0,HMI WORD21 N REF
DEF TABLE K121=2147483647,-2147483648,0,0,0,HMI WORD 22 C6
DEF TABLE K122=2147483647,-2147483648,0,0,0,HMI WORD23 C7
DEF TABLE K123=2147483647,-2147483648,0,0,0,HMI WORD 24 C8
DEF TABLE K124=2147483647,-2147483648,0,0,0,HMI WORD25 C14
DEF TABLE K125=2147483647,-2147483648,0,0,0,HMI WORD26 C15
DEF TABLE K126=2147483647,-2147483648,0,0,0,HMI WORD27 C16
DEF TABLE K127=2147483647,-2147483648,0,0,0,HMI WORD28 C17
DEF TABLE K128=2147483647,-2147483648,0,0,0,HMI WORD29 D0
DEF TABLE K129=2147483647,-2147483648,0,0,0,HMI WORD30 D1
DEF TABLE K130=2147483647,-2147483648,0,0,0,HMI WORD31 D2
DEF TABLE K131=2147483647,-2147483648,0,0,0,HMI WORD32 D3
DEF TABLE K132=2147483647,-2147483648,0,0,0,HMI WORD33 D4
DEF TABLE K133=2147483647,-2147483648,0,0,0,HMI WORD34 D5
DEF TABLE K134=2147483647,-2147483648,0,0,0,HMI WORD35 D5
DEF TABLE K135=2147483647,-2147483648,0,0,0,HMI WORD36 D7
DEF TABLE K136=2147483647,-2147483648,0,0,0,HMI WORD37 BAT V
DEF TABLE K137=2147483647,-2147483648,0,0,0,HMI WORD38 DC V
DEF TABLE K138=2147483647,-2147483648,0,0,0,HMI WORD39 ALPHA
DEF TABLE K139=2147483647,-2147483648,0,0,0,HMI WORD40 BETA
DEF TABLE K140=2147483647,-2147483648,0,0,0,HMI WORD41 1FLT
DEF TABLE K141=2147483647,-2147483648,0,0,0,HMI WORD42 TEMP
DEF TABLE K142=15,0,0,0,0,HMI WORD42 ID
DEF TABLE L2115=2147483647,-2147483648,2,0,1,SPEED AMP O/P

DEF TABLE L2208=12000,-12000,2,0,1,SPD RAMP INPUT
DEF TABLE L3397=4294967295,0,0,0,0,CRITICAL FLT STS
DEF TABLE L3398=4294967295,0,0,0,0,CHANNEL FLT STS
DEF TABLE L3399=4294967295,0,0,0,0,ALARM STS
DEF TABLE L12809=1,0,0,1,0,SUPP 1 O/C
DEF TABLE L12811=1,0,0,1,0,MACH 1 O/C
DEF TABLE L13921=1,0,0,0,0,IN MODE 1
DEF TABLE L16841=32767,-32768,0,0,0,D4 MOTOR SPEED
DEF TABLE L16842=32767,-32768,0,0,0,D5 MOTOR CURRENT
DEF TABLE L16843=32767,-32768,0,0,0,D6 MOTOR VOLTS
DEF TABLE L16844=32767,-32768,0,0,0,D7 SPARE
DEF TABLE L22106=12000,-12000,2,0,1,V/F REFERENCE
DEF TABLE L22112=32767,-32768,0,0,0,V/F FEEDBACK
DEF TABLE L22115=2147483647,-2147483648,2,0,1,V/F CONTROL O/P
DEF TABLE L22116=1,0,0,0,0,IN V/F LIMIT
DEF TABLE L22117=2147483647,-2147483648,2,0,1,SCALED V/F F/B
DEF TABLE L22129=2500,0,2,0,1,V/F LIMIT DETECT
DEF TABLE L22132=32767,100,0,100,0,V/F FDBCK SCALE
DEF TABLE L22145=2147483647,-2147483648,2,0,1,FILT V/F FB
DEF TABLE L22151=5000,0,4,0,4,V/F FDBCK FILTER
DEF TABLE L22152=2147483647,-2147483648,2,0,1,FILT V/F FDBCK
DEF TABLE L22159=1,0,0,0,0,DEGAIN V/F/CNTRL
DEF TABLE L22218=2147483647,-2147483648,2,0,1,V/F REFERENCE
DEF TABLE L22220=2147483647,-2147483648,2,0,1,TOTAL V/F REF
DEF TABLE L22224=12000,0,2,0,1,+ V/F LIMIT
DEF TABLE L22225=0,-12000,2,0,1,- V/F LIMIT
DEF TABLE L22231=2147483647,-2147483648,1,0,5, REACTIVE I RATE
DEF TABLE L22238=5000,-5000,2,0,1,LIMITED V/F ERR
DEF TABLE L22239=12000,-12000,2,0,1,V/F
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DEF TABLE L22243=2147483647,-2147483648,2,0,1,OLD FILTERED V/F
DEF TABLE L22250=2147483647,-2147483648,2,0,1,OLD LIM V/F ERR
DEF TABLE L22257=2147483647,-2147483648,2,0,1,SCLD FILT EXC I
DEF TABLE M1=5,0,0,0,0,ENCODER PATTERN
DEF TABLE M2.0=1,0,0,0,0,MAN HISTORY TRIP
DEF TABLE M2.1=1,0,0,0,0,MANUAL RESET
DEF TABLE M2.2=1,0,0,0,0,FORCE CONT AVBLE
DEF TABLE M2.3=1,0,0,0,0,FORCE LOCAL
DEF TABLE M2.4=1,0,0,0,0,FRC CLOSED LOOP
DEF TABLE M2.5=1,0,0,0,0,FORCE LCL START
DEF TABLE M2.6=1,0,0,0,0,FRC LCL STOP CST
DEF TABLE M2.7=1,0,0,0,0,INHIB CRITL TRIP
DEF TABLE M2.8=1,0,0,0,0,SET CRITL TRIP
DEF TABLE M2.9=1,0,0,0,0,INHIB SLAVE O/P
DEF TABLE M2.10=1,0,0,0,0,SET CHNNL TRIP
DEF TABLE M2.11=1,0,0,0,0,FORCE ESTOP OK
DEF TABLE M2.12=1,0,0,0,0,FORCE OPEN LOOP
DEF TABLE M2.13=1,0,0,0,0,INHIB ANY TRIP
DEF TABLE M2.14=1,0,0,0,0,SET ANY TRIP
DEF TABLE M3.0=1,0,0,0,0,INHIB CHNNL ALRM
DEF TABLE M3.1=1,0,0,0,0,SET CHNNL ALARM
DEF TABLE M3.2=1,0,0,0,0,FRC REM STOP
DEF TABLE M3.3=1,0,0,0,0,FRC REM START
DEF TABLE M3.4=1,0,0,0,0,INHIB MODE1 ENC
DEF TABLE M3.5=1,0,0,0,0,INHIB MODE2 ENC
DEF TABLE M3.6=1,0,0,0,0,FRCE N REF OK
DEF TABLE M3.7=1,0,0,0,0,INHB EXCTR CHECK
DEF TABLE M3.8=1,0,0,0,0,FCE STRT FAIL OK
DEF TABLE M3.9=1,0,0,0,0,INHIB SLNK SETUP
DEF TABLE M3.10=1,0,0,0,0,FRCE LCL RMP STP
DEF TABLE M3.11=1,0,0,0,0,FRCE REM RMP STP
DEF TABLE M3.12=1,0,0,0,0,FRCE LCL ILM STP
DEF TABLE M3.13=1,0,0,0,0,FRCE REM ILM STP
DEF TABLE M3.14=1,0,0,0,0,DISBL AUTO RESRT
DEF TABLE M3.15=1,0,0,0,0,ENB A/RST ONE/SH
DEF TABLE M4=10000,0,2,0,1,CSP TEST SPD REF
DEF TABLE M5.0=1,0,0,0,0,TEST EXCITER
DEF TABLE M5.1=1,0,0,0,0,FRC HDLC CRD OK
DEF TABLE M5.2=1,0,0,0,0,ENABLE SKIP 1
DEF TABLE M5.3=1,0,0,0,0,ENABLE SKIP 2
DEF TABLE M5.4=1,0,0,0,0,SYNC 2 REQUIRED
DEF TABLE M5.5=1,0,0,0,0,MASK COOLING FLT
DEF TABLE M5.6=1,0,0,0,0,MSK SUP REF LOSS
DEF TABLE M5.7=1,0,0,0,0,MSK SPD REF LOSS
DEF TABLE M5.8=1,0,0,0,0,FORCE PULSE REL
DEF TABLE M5.9=1,0,0,0,0,MSK DIAG OPTO AL
DEF TABLE M5.10=1,0,0,0,0,MSK HONEY NO SIG
DEF TABLE M5.11=1,0,0,0,0,USE HMI CLOCK
DEF TABLE M5.12=1,0,0,0,0,EN COND HISTORY
DEF TABLE M6=10000,0,2,0,1,EXCTR TEST REF
DEF TABLE M7.0=1,0,0,0,0,NOT USED
DEF TABLE M7.1=1,0,0,0,0,NOT USED
DEF TABLE M7.2=1,0,0,0,0,NOT USED
DEF TABLE M7.3=1,0,0,0,0,NOT USED
DEF TABLE M7.4=1,0,0,0,0,NOT USED
DEF TABLE M7.5=1,0,0,0,0,NOT USED
DEF TABLE M7.6=1,0,0,0,0,NOT USED
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DEF TABLE M7.7=1,0,0,0,0,NOT USED
DEF TABLE M7.8=1,0,0,0,0,SET B3.8 /PUMP1
DEF TABLE M7.9=1,0,0,0,0,SET B3.9 /PUMP2
DEF TABLE M7.10=1,0,0,0,0,SET B3.10 /SV
DEF TABLE M7.11=1,0,0,0,0,SET B3.11 /SPARE
DEF TABLE M7.12=1,0,0,0,0,SET B3.12 /RL6
DEF TABLE M7.13=1,0,0,0,0,SET B3.13 /RL7
DEF TABLE M7.14=1,0,0,0,0,SET B3.14 /RL8
DEF TABLE M7.15=1,0,0,0,0,SET B3.15 /RL9
DEF TABLE M8.0=1,0,0,0,0,SET B1.8 /DHR
DEF TABLE M8.1=1,0,0,0,0,SET B1.9 /DAR
DEF TABLE M8.2=1,0,0,0,0,SET B1.10 /IBT
DEF TABLE M8.3=1,0,0,0,0,SET B1.11 /FCC
DEF TABLE M8.4=1,0,0,0,0,SET B1.12 /DIS
DEF TABLE M8.5=1,0,0,0,0,SET B1.13 /RL1
DEF TABLE M8.6=1,0,0,0,0,SET B1.14 /RL2
DEF TABLE M8.7=1,0,0,0,0,SET B1.15 /RL3
DEF TABLE M9.0=1,0,0,0,0,TEST ANLG O/P'S
DEF TABLE M9.1=1,0,0,0,0,FORCE EXCTR FAIL
DEF TABLE M9.2=1,0,0,0,0,ENBL HIST ON TRN
DEF TABLE M9.3=1,0,0,0,0,INHIBIT G50.0
DEF TABLE M9.4=1,0,0,0,0,ENABLE DIAG
DEF TABLE M9.5=1,0,0,0,0,FORCE DIAG
DEF TABLE M9.8=1,0,0,0,0,CSP DIG O/P TEST
DEF TABLE M9.9=1,0,0,0,0,INH STALL PROT
DEF TABLE M9.10=1,0,0,0,0,USE ENCODERS
DEF TABLE M9.13=1,0,0,0,0,FORCE DISCONNECT
DEF TABLE M9.14=1,0,0,0,0,ENABLE ENC SIMUL
DEF TABLE M9.15=1,0,0,0,0,DIG/OP TEST MODE
DEF TABLE M10=20000,-20000,2,0,1,D0 TEST REF
DEF TABLE M11=20000,-20000,2,0,1,D1 TEST REF
DEF TABLE M12=20000,-20000,2,0,1,D2 TEST REF
DEF TABLE M13=20000,-20000,2,0,1,D3 TEST REF
DEF TABLE M14=20000,-20000,2,0,1,D4 TEST REF
DEF TABLE M15=20000,-20000,2,0,1,D5 TEST REF
DEF TABLE M16=20000,-20000,2,0,1,D6 TEST REF
DEF TABLE M17=20000,-20000,2,0,1,D7 TEST REF
DEF TABLE M18=10000,-10000,2,0,1,OL I REF
DEF TABLE M19.0=1,0,0,0,0,SET B3.0 /ZSR
DEF TABLE M19.1=1,0,0,0,0,SET B3.1 /MSR
DEF TABLE M19.2=1,0,0,0,0,SET B3.2 /TGS
DEF TABLE M19.3=1,0,0,0,0,SET B3.3 /SRF
DEF TABLE M19.4=1,0,0,0,0,SET B3.4 /SOR
DEF TABLE M19.5=1,0,0,0,0,SET B3.5 /DRR
DEF TABLE M19.6=1,0,0,0,0,SET B3.6 /RL4
DEF TABLE M19.7=1,0,0,0,0,SET B3.7 /RL5
DEF TABLE M19.8=1,0,0,0,0,SET B3.8 /RUN/P1
DEF TABLE M19.9=1,0,0,0,0,SET B3.9 /RUN/P2
DEF TABLE M19.10=1,0,0,0,0,SET B3.10 /SV
DEF TABLE M19.11=1,0,0,0,0,SET B3.11 /RL6
DEF TABLE M19.12=1,0,0,0,0,SET B3.12 /RL7
DEF TABLE M19.13=1,0,0,0,0,SET B3.13 /RL8
DEF TABLE M19.14=1,0,0,0,0,SET B3.14 /RL9
DEF TABLE M19.15=1,0,0,0,0,SET B3.15 /RL10
DEF TABLE P800=2147483647,-2147483648,0,0,0,ESP LINK ADDRESS
DEF TABLE P801=2147483647,-2147483648,0,0,0,PARTNERS
DEF TABLE P802=2147483647,-2147483648,0,0,0,BAUD RATE 38400
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DEF TABLE P803=2147483647,-2147483648,0,0,0,SLINK PARITY
DEF TABLE P804=2147483647,-2147483648,0,0,0,NOT USED
DEF TABLE P805=2147483647,-2147483648,0,0,0,DATA-TABLE EXCHG
DEF TABLE W0=2147483647,-2147483648,2,0,1,EXC REF LIM
DEF TABLE W1=32767,-32767,0,0,0,EX REF LO LIMIT
DEF TABLE W2=32767,-32767,0,0,0,EX REF HI LIMIT
DEF TABLE W3=32767,-32767,0,0,0,N F/B LIMIT
DEF TABLE W4=32767,-32767,0,0,0,N F/B LO LIMIT
DEF TABLE W5=32767,-32767,0,0,0,N F/B HI LIMIT
DEF TABLE W6=2147483647,0,0,0,4,COOL P1 RUN TIME
DEF TABLE W7=2147483647,0,0,0,4,COOL P2 RUN TIME
DEF TABLE W17=15000,0,2,11000,1,STR O/VOLT LEVEL
DEF TABLE W18=20000,0,2,11000,1,O/SPEED LEVEL
DEF TABLE W19=20000,0,2,10000,1,V/F REFERENCE
DEF TABLE W22=20000,0,2,12000,1,O/FLUX TRIP LVL
DEF TABLE W23=10000,0,2,8000,1,U/FLUX TRIP LVL
DEF TABLE W27=20000,0,2,1100,1,SLOW SPEED LEVEL
DEF TABLE W28=99999,0,0,0,3,STRT FAIL TIMER
DEF TABLE W30=2000,0,0,0,3,SURGE CCT FAIL
DEF TABLE W31=20000,0,2,0,1,SPLY HV TR LEVEL
DEF TABLE W32=99999,0,0,0,3,SPLY HV TR TIMER
DEF TABLE W33=20000,0,2,0,1,INV LV TR LEVEL
DEF TABLE W34=99999,0,0,0,3,INV LV TR TIMER
DEF TABLE W35=20000,0,2,0,1,INV HV TR LEVEL
DEF TABLE W36=99999,0,0,0,3,INV HV TR TIMER
DEF TABLE W37=20000,0,2,0,1,INV HIFREQ LEVEL
DEF TABLE W38=99999,0,0,0,3,INV HIFREQ TIMER
DEF TABLE W39=2000,0,0,0,3,DEL UPON PLS REL
DEF TABLE W40=16376,0,0,0,0,MIN EXC CURRENT
DEF TABLE W41=2147483647,0,0,0,3,GND FLT DELAY
DEF TABLE W50=2147483647,-2147483648,0,0,0,TEMP LINCON 1
DEF TABLE W51=2147483647,-2147483648,0,0,0,TEMP LINC 1 MULT
DEF TABLE W52=2147483647,-2147483648,0,0,0,TEMP LINC 1 DIV
DEF TABLE W53=2147483647,-2147483648,0,0,0,TEMP LINC 1 OFF
DEF TABLE W54=2147483647,-2147483648,0,0,0,TEMP LINCON 2
DEF TABLE W55=2147483647,-2147483648,0,0,0,TEMP LINC 2 MULT
DEF TABLE W56=2147483647,-2147483648,0,0,0,TEMP LINC 2 DIV
DEF TABLE W57=2147483647,-2147483648,0,0,0,TEMP LINC 2 OFF
DEF TABLE W58=2147483647,-2147483648,0,0,0,TEMP ALARM LEVEL
DEF TABLE W111=20000,0,2,0,1,V/F THRESH HI
DEF TABLE W112=20000,0,2,0,1,V/F THRESH LO
DEF TABLE W120=20000,0,2,800,1,ZERO SPEED
DEF TABLE W151=32767,-32767,0,0,0,CRT SPD1 DEADBND
DEF TABLE W152=32767,-32767,0,0,0,CRT SPD2 OFFSET
DEF TABLE W153=32767,-32767,0,0,0,CRITICAL SPD 1
DEF TABLE W155=32767,-32767,0,0,0,CRT SPD2 DEADBND
DEF TABLE W156=32767,-32767,0,0,0,CRT SPD2 OFFSEF
DEF TABLE W157=32767,-32767,0,0,0,CRITICAL SPD 2
DEF TABLE W160=32767,-32767,0,0,0,SPD REF LINCON
DEF TABLE W161=32767,-32767,0,0,0,SPD REF MULT
DEF TABLE W162=32767,-32767,0,0,0,SPD REF DIVISOR
DEF TABLE W163=32767,-32767,0,0,0,SPD REF OFFSET
DEF TABLE W164=32767,-32767,0,0,0,SPD REF LIMIT
DEF TABLE W165=15000,0,2,0,1,SPD REF LWR LIM
DEF TABLE W166=15000,0,2,0,1,SPD REF UPR LIM
DEF TABLE W171=32767,-32768,0,0,0,OUTPUT D1 MULT
DEF TABLE W172=32767,-32768,0,0,0,OUTPUT D1 DIV
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DEF TABLE W173=32767,-32768,0,0,0,OUTPUT D1 OFFSET
DEF TABLE W176=32767,-32768,0,0,0,OUTPUT D2 MULT
DEF TABLE W177=32767,-32768,0,0,0,OUTPUT D2 DIV
DEF TABLE W178=32767,-32768,0,0,0,OUTPUT D2 OFFSET
DEF TABLE W180=32767,-32768,0,0,0,OUTPUT D4 MULT
DEF TABLE W181=32767,-32768,0,0,0,OUTPUT D4 DIV
DEF TABLE W182=32767,-32768,0,0,0,OUTPUT D4 OFFSET
DEF TABLE W184=32767,-32768,0,0,0,OUTPUT D5 MULT
DEF TABLE W185=32767,-32768,0,0,0,OUTPUT D5 DIV
DEF TABLE W186=32767,-32768,0,0,0,OUTPUT D5 OFFSET
DEF TABLE W190=2147483647,-2147483648,0,0,0,UPS SUP LINCON
DEF TABLE W191=2147483647,-2147483648,0,0,0,UPS MULT
DEF TABLE W192=2147483647,-2147483648,0,0,0,UPS DIV
DEF TABLE W193=2147483647,-2147483648,0,0,0,UPS OFFSET
DEF TABLE W194=2147483647,-2147483648,0,0,0,COND LINCON
DEF TABLE W195=2147483647,-2147483648,0,0,0,COND MULT
DEF TABLE W196=2147483647,-2147483648,0,0,0,COND DIV
DEF TABLE W197=2147483647,-2147483648,0,0,0,COND OFFSET
DEF TABLE W204=20000,0,0,0,1,MODE2 ACCEL LVL
DEF TABLE W205=1000,10,1,10,5,MODE1 ACCEL RATE
DEF TABLE W206=1000,10,1,10,5,MODE2 ACCEL RATE
DEF TABLE W207=1000,10,1,10,5,DECEL RATE
DEF TABLE W208=100,0,0,0,5,SKIP BAND ACCEL1
DEF TABLE W209=100,0,0,0,5,SKIP BAND ACCEL2
DEF TABLE W212=20000,0,2,0,1,SKIP 1 LO
DEF TABLE W213=20000,0,2,0,1,SKIP 1 HI
DEF TABLE W214=20000,0,2,0,1,SKIP 2 LO
DEF TABLE W215=20000,0,0,0,1,SKIP 2 HI
DEF TABLE W218=2147483647,-2147483648,2,0,1,6 PLSE I2T LIM
DEF TABLE W219=2147483647,-2147483648,2,0,1,12 PLSE I2T LIM
DEF TABLE W220=2147483647,-2147483648,2,0,1,USED I2T LEVEL
DEF TABLE W221=2147483647,-2147483648,2,0,1,6 PLSE I LIMIT
DEF TABLE W222=2147483647,-2147483648,2,0,1,12 PLSE I LIMIT
DEF TABLE W241=32767,-32767,0,0,0,V/F LMT MULT
DEF TABLE W242=32767,-32767,0,0,0,V/F LMT DIV
DEF TABLE W243=32767,-32767,0,0,0,V/F LMT OFFSET
DEF TABLE W246=32767,-32767,0,0,0,V/F MIN LIMIT
DEF TABLE W247=32767,-32767,0,0,0,V/F MAX LIMIT
DEF TABLE W304=20000,0,2,0,1,LO SUPLV AL L SP
DEF TABLE W305=20000,0,2,0,1,LO SUPLV AL H SP
DEF TABLE W306=99999,0,0,0,3,LO SUPLV AL TIME
DEF TABLE W307=20000,0,2,0,1,HI SUPLV AL L SP
DEF TABLE W308=20000,0,2,0,1,HI SUPLV AL H SP
DEF TABLE W309=99999,0,0,0,3,HI SUPLV AL TIME
DEF TABLE W310=99999,0,0,0,3,PROT HLY TMR
DEF TABLE W311=99999,0,0,0,3,ENC TRIP TIMER
DEF TABLE W312=99999,0,0,0,3,ENC ALRM TIMER
DEF TABLE W313=99999,0,0,0,3,RUN TIMER 1
DEF TABLE W314=99999,0,0,0,3,OVRSPD TRP TMR
DEF TABLE W315=99999,0,0,0,3,PHREF LOSS TMR
DEF TABLE W316=99999,0,0,0,3,ZCREF LOSS TMR
DEF TABLE W317=10000,0,0,0,3,HDLC FAIL TMR
DEF TABLE W326=15000,0,2,0,1,ZERO SPEED LIM
DEF TABLE W327=15000,0,2,0,1,TG SPEED LIM
DEF TABLE W328=15000,0,2,0,1,MIN SPEED LIM
DEF TABLE W329=15000,0,2,0,1,TG MIN SPEED
DEF TABLE W330=15000,0,2,0,1,RUN MIN SPEED
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DEF TABLE W333=2147483647,-2147483648,0,0,0,A IREF LMT FUNCT
DEF TABLE W334=20000,0,2,0,1,A IREF LO LIM
DEF TABLE W335=20000,0,2,0,1,A IREF HI LIM
DEF TABLE W336=99999,0,0,0,3,RUN TIMER 2
DEF TABLE W337=17000,-17000,2,0,1,MODE 1 ILIM
DEF TABLE W338=17000,-17000,2,0,1,MODE 2 ILIM
DEF TABLE W349=99999,0,0,0,3,UNDR FLUX TMR
DEF TABLE W350=99999,0,0,0,3,OVER FLUX TMR
DEF TABLE W351=99999,0,0,0,3,OVER VOLT TMR
DEF TABLE W352=2147483647,-2147483648,0,0,0,TQ REF FAIL TMR
DEF TABLE W353=2147483647,-2147483648,0,0,3,TQ REF FAIL TIME
DEF TABLE W355=99999,0,0,0,3,CT PARITY TIMER
DEF TABLE W356=36000,-36000,2,0,8,D MAINS OFFSET
DEF TABLE W357=36000,-36000,2,0,8,W MAINS OFFSET
DEF TABLE W358=36000,-36000,2,0,8,USED MNS OFFSET
DEF TABLE W361=2147483647,-2147483648,0,0,0,ANLG I/P C6 MUL
DEF TABLE W362=2147483647,-2147483648,0,0,0,ANLG I/P C6 DIV
DEF TABLE W363=2147483647,-2147483648,0,0,0,ANLG I/P C6 OFS
DEF TABLE W365=2147483647,-2147483648,0,0,0,ANLG I/P C7 MUL
DEF TABLE W366=2147483647,-2147483648,0,0,0,ANLG I/P C7 DIV
DEF TABLE W367=2147483647,-2147483648,0,0,0,ANLG I/P C7 OFS
DEF TABLE W369=2147483647,-2147483648,0,0,0,ANLG I/P C8 MUL
DEF TABLE W370=2147483647,-2147483648,0,0,0,ANLG I/P C8 DIV
DEF TABLE W371=2147483647,-2147483648,0,0,0,ANLG I/P C8 OFS
DEF TABLE W401=2147483647,-2147483648,0,0,0,ANLG I/P C14 MUL
DEF TABLE W402=2147483647,-2147483648,0,0,0,ANLG I/P C14 DIV
DEF TABLE W403=2147483647,-2147483648,0,0,0,ANLG I/P C14 OFS
DEF TABLE W404=2147483647,-2147483648,2,0,1,SCALED C14
DEF TABLE W406=2147483647,-2147483648,0,0,0,ANLG I/P C15 MUL
DEF TABLE W407=2147483647,-2147483648,0,0,0,ANLG I/P C15 DIV
DEF TABLE W408=2147483647,-2147483648,0,0,0,ANLG I/P C15 OFS
DEF TABLE W409=2147483647,-2147483648,0,0,0,SCALED C15
DEF TABLE W411=2147483647,-2147483648,0,0,0,ANLG I/P C16 MUL
DEF TABLE W412=2147483647,-2147483648,0,0,0,ANLG I/P C16 DIV
DEF TABLE W413=2147483647,-2147483648,0,0,0,ANLG I/P C16 OFS
DEF TABLE W414=2147483647,-2147483648,0,0,0,SCALED C16
DEF TABLE W416=2147483647,-2147483648,0,0,0,ANLG I/P C17 MUL
DEF TABLE W417=2147483647,-2147483648,0,0,0,ANLG I/P C17 DIV
DEF TABLE W418=2147483647,-2147483648,0,0,0,ANLG I/P C17 OFS
DEF TABLE W419=2147483647,-2147483648,0,0,0,SCALED C17
DEF TABLE W421=2147483647,-2147483648,0,0,0,ANLG O/P D0 MUL
DEF TABLE W422=2147483647,-2147483648,0,0,0,ANLG O/P D0 DIV
DEF TABLE W423=2147483647,-2147483648,0,0,0,ANLG O/P D0 OFS
DEF TABLE W426=2147483647,-2147483648,0,0,0,ANLG O/P D1 MUL
DEF TABLE W427=2147483647,-2147483648,0,0,0,ANLG O/P D1 DIV
DEF TABLE W428=2147483647,-2147483648,0,0,0,ANLG O/P D1 OFS
DEF TABLE W429=2147483647,-2147483648,0,0,0,SCALED D1
DEF TABLE W431=2147483647,-2147483648,0,0,0,ANLG O/P D2 MUL
DEF TABLE W432=2147483647,-2147483648,0,0,0,ANLG O/P D2 DIV
DEF TABLE W433=2147483647,-2147483648,0,0,0,ANLG O/P D2 OFS
DEF TABLE W436=2147483647,-2147483648,0,0,0,ANLG O/P D3 MUL
DEF TABLE W437=2147483647,-2147483648,0,0,0,ANLG O/P D3 DIV
DEF TABLE W438=2147483647,-2147483648,0,0,0,ANLG O/P D3 OFS
DEF TABLE W439=2147483647,-2147483648,0,0,0,SCALED D3
DEF TABLE W441=2147483647,-2147483648,0,0,0,ANLG O/P D4 MUL
DEF TABLE W442=2147483647,-2147483648,0,0,0,ANLG O/P D4 MUL
DEF TABLE W443=2147483647,-2147483648,0,0,0,ANLG O/P D4 OFS
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DEF TABLE W444=2147483647,-2147483648,0,0,0,SCALED D4
DEF TABLE W446=2147483647,-2147483648,0,0,0,ANLG O/P D5 MUL
DEF TABLE W447=2147483647,-2147483648,0,0,0,ANLG O/P D5 DIV
DEF TABLE W448=2147483647,-2147483648,0,0,0,ANLG O/P D5 OFS
DEF TABLE W449=2147483647,-2147483648,0,0,0,SCALED D5
DEF TABLE W451=2147483647,-2147483648,0,0,0,ANLG O/P D6 MUL
DEF TABLE W452=2147483647,-2147483648,0,0,0,ANLG O/P D6 DIV
DEF TABLE W453=2147483647,-2147483648,0,0,0,ANLG O/P D6 OFS
DEF TABLE W454=2147483647,-2147483648,0,0,0,SCALED D6
DEF TABLE W456=2147483647,-2147483648,0,0,0,ANLG O/P D7 MUL
DEF TABLE W457=2147483647,-2147483648,0,0,0,ANLG O/P D7 DIV
DEF TABLE W458=2147483647,-2147483648,0,0,0,ANLG O/P D7 OFS
DEF TABLE W459=2147483647,-2147483648,0,0,0,SCALED D7
DEF TABLE W460=2147483647,-2147483648,0,0,0,HMI N REF LIM
DEF TABLE W461=32767,0,0,0,0,MIN HMI N REF
DEF TABLE W462=32767,0,0,0,0,MAX HMI N REF
DEF TABLE W463=20000,0,2,0,1,I REF SUB
DEF TABLE W464=99999,0,0,0,3,SPD REG DLY
DEF TABLE W465=1000,10,1,10,5,RATE 2 DECEL
DEF TABLE W466=10000,0,2,0,1,SLOW SPEED I/P
DEF TABLE W467=50000,0,2,0,1,FIXD SPEED LEVEL
DEF TABLE W468=50000,0,2,0,1,SLOW SPEED LEVEL
DEF TABLE W469=2147483647,-2147483648,2,0,1,FAN FAIL I LMT
DEF TABLE W488=2147483647,-2147483648,0,0,0,-VE BETA RATE
DEF TABLE W489=2147483647,-2147483648,0,0,0,+ BETA RATE
DEF TABLE W490=2147483647,-2147483648,0,0,0,HMI HP SCALAR
DEF TABLE W491=2147483647,-2147483648,0,0,0,HMI HP MULT
DEF TABLE W492=2147483647,-2147483648,0,0,0,HMI HP DIV
DEF TABLE W493=2147483647,-2147483648,0,0,0,HMI HP OFFSET
DEF TABLE W503=2147483647,-2147483648,0,0,0,RAMPED PSET REF
DEF TABLE W504=2147483647,-2147483648,0,0,0,RAMP ADDER
DEF TABLE W505=2147483647,-2147483648,0,0,0,PSET LIMIT STUS
DEF TABLE W506=2147483647,-2147483648,0,0,0,PSET MIN LIMIT
DEF TABLE W507=2147483647,-2147483648,0,0,0,PSET MAX LIMIT
DEF TABLE W510=2147483647,-2147483648,2,0,1,HI FREQ FOR NCOM
DEF TABLE W511=2147483647,-2147483648,2,0,1,LO FREQ FOR NCOM
DEF TABLE W512=2147483647,-2147483648,0,0,0,REAC REF
DEF TABLE W513=2147483647,-2147483648,0,0,0,REAC REF MULT
DEF TABLE W514=2147483647,-2147483648,0,0,0,REAC REF DIV
DEF TABLE W515=2147483647,-2147483648,0,0,0,REAC REF OFFSET
DEF TABLE W516=2147483647,-2147483648,0,0,0,REAC REF LIMIT
DEF TABLE W517=2147483647,-2147483648,0,0,0,REAC REF MIN
DEF TABLE W518=2147483647,-2147483648,0,0,0,REAC REF MAX
DEF TABLE W520=2147483647,-2147483648,0,0,0,HMI DC VOLTS M
DEF TABLE W521=2147483647,-2147483648,0,0,0,HMI DC VOLTS D
DEF TABLE W522=2147483647,-2147483648,0,0,0,HMI DC VOLTS OFF
DEF TABLE W524=2147483647,-2147483648,0,0,0,HMI DC VOLTS M1
DEF TABLE W525=2147483647,-2147483648,0,0,0,HMI DC VOLTS D1
DEF TABLE W526=2147483647,-2147483648,0,0,0,HMI DC VOLTS O1

;----------KEYPAD LED'S CONFIGURATION-----------------------------------------
B32.9   = G1.1                  L     Healthy          = TRIPS HEALTHY
B32.10  = L12802                L     Running          = Release Pulses
B32.11  = G54.1                 L     Keypad Control   = DRIVE IN LOCAL
B32.12  = G321.2                L     Warning          = CHANNEL ALARM
B32.13  = G321.1                L     Tripped          = ANY TRIP
```

```
;---------ANALOG OUTPUTS ALSO SEE MODULE 168 FOR TYPE C OUTPUTS------------
D4      = W444                      L     MOTOR SPEED F/B  = SCALED D4
D5      = W449                      L     MOTOR CURENT F/B = SCALED D5
D6      = W454                      L     MOTOR VOLTS F/B  = SCALED D6
D7      = W459                      L     SPARE            = SCALED D7

;---------OPTO LINK FAILED-------------------------------------------------
G14     = -1                        L     OPTO LINK COMP   = -1
;---------G TABLE VALUES---------------------------------------------------
G30     = 65535                     L     CONV DIAG MASK   = 65535
G54.0   = 0                       P       KEYPAD REM/LOCAL = LOW
G70.0   = L13921                    L     IN MODE 1        = IN MODE 1
G98     = 0                         L     I REF STEP I/P   = 0
G152    = 1                         L     COUNT ONE        = 1
G155    = 500                       L     PULSE LENGTH     = 500
G183    = 30000                     L     START FAIL VAL   = 30000
G184    = 500                       L     START FAIL MIN F = 500
;---------ANALAG FUNCTIONS-------------------------------------------------
G201    = 2000                      L                      = 2000
G204    = 1                         L                      = 1
G211    = 2000                      L                      = 2000
G214    = 1                         L                      = 1
G221    = 2000                      L                      = 2000
G224    = 1                         L                      = 1
G231    = 2000                      L                      = 2000
G234    = 1                         L                      = 1
G241    = 2000                      L                      = 2000
G244    = 0                         L                      = 0
G251    = 2000                      L                      = 2000
G254    = 1                         L                      = 1
G261    = 2000                      L                      = 2000
G264    = 1                         L                      = 1
G271    = 2000                      L                      = 2000
G274    = 1                         L                      = 1
G281    = 2000                      L                      = 2000
G284    = 1                         L                      = 1
;---------COOLING SYSTEM VARIABLES-----------------------------------------
G402    = 1000                      L     COOL RES TRP DEL = 1000 ms
G404    = 1000                      L     COOL RES ALM DEL = 1000 ms
G406    = 5000                      L     COOL FLO TRP DEL = 5000 ms
G408    = 1000                      L     COOL FLO ALM DEL = 1000 ms
G410    = 15000                     L     COOL CND TRP DEL = 15000 ms
G412    = 1800000                   L     COOL CND ALM DEL = 1800000 ms
G414    = 3000                      L     COOL TMP TRP DEL = 3000 ms
G416    = 5000                      L     COOL TMP ALM DEL = 5000 ms
G417    = 864000                    L     COOL CHPOVR SECS = 864000 s
G420    = 2000                      L     COOL FLO CHPOVR  = 2000 s
G430    = 14417                     L     COOL COND AL SP  = 14417
G431    = 11796                     L     COOL COND AL HYS = 11796
G432    = 18349                     L     COOL TEMP AL SP  = 18349
G433    = 17825                     L     COOL TEMP AL HYS = 17825
G434    = 6000                      L     COND/TMP SIG LOS = 6000
G451    = 5000                      L     SIG BAT TIME DEL = 5000
G454    = 3000                      L     HMI ALM DEL TIME = 3000
G463    = 20000                 U         RUN FLT DEL VAL  = 20000
;---------OVERCURRENT RIDETHROUGH VARIABLES--------------------------------
G500.0  = L12809                    L     LTCHD SUPP 1 O/C = SUPP 1 O/C
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Conductivity

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G500.1  = L12811                L     LTCHD MACH 1 O/C = MACH 1 O/C
G500.2  = L13105                L     UNLCHD SUP1 O/C  = O/C Prot Healthy
G500.3  = L13405                L     UNLCHD MAC1 O/C  = O/C Prot Healthy
G500.4  = L12816                L     LTCHD S1/M1 PRTY = Parity S1/M1 OK
G511    = 15                    L     SUP1 O/C TIME    = 15 ms
G513    = 20                    L     MACH1 O/C TIME   = 20 ms
G515    = 0                     L     BOTH O/C TIME    = 0 ms
G517    = 1200                  L     RSTART WAIT TIME = 1200 ms
G519    = 1                     L     RST M128 PULSE D = 1 ms
G521    = 1000                  L     RST LENGTH       = 1000
G523    = 4                     L     RESTART ATTEMPTS = 4
G525    = 30                    L     ONE MIN TIME     = 30 s
G531    = 5                     L     SUP1 FLT TIME    = 5 ms
G532    = 15000                 L     SWARE O/C LEVEL  = 15000
G534    = 1                     L     MACH O/C CNTR    = 1
G536    = 5                     L     MACH1 FLT TIME   = 5 ms
G538    = 1                     L     SUPP O/C CNTR    = 1
;---------SERIAL LINK TIMERS-----------------------------------------------
G540    = 30000                 L     SLINK T/OUT TIME = 30000 ms
;---------RIDETHROUGH PARAMETER SETPOINTS----------------------------------
G542    = 50                    L     S1/M1 PRTY THRES = 50 %
G546    = 5                     L     S1/M1 FAULT TIME = 5 ms
G548    = 3000                  L     RDTH ALM LTCH TM = 3000 ms
;---------HISTORY RESET DELAY----------------------------------------------
G551    = 3000                  L                      = 3000
;---------KEYPAD O/P SCALARS-----------------------------------------------
G601    = 40700                 L     KEYPAD H1 MULT   = 40700
G602    = 1000                  L     KEYPAD H1 DIV    = 1000
G603    = 0                     L     KEYPAD H1 OFF    = 0
G605    = 954                   L     KEYPAD H2 MULT   = 954
G606    = 100                   L     KEYPAD H2 DIV    = 100
G607    = 0                     L     KEYPAD H2 OFF    = 0
G609    = 672                   L     KEYPAD H3 MULT   = 672
G610    = 100                   L     KEYPAD H3 DIV    = 100
G611    = 0                     L     KEYPAD H3 OFF    = 0
G613    = L13109                L     KEYPAD H4 MULT   = Filtered I F/B
G614    = 93                    L     KEYPAD H4 DIV    = 93
G615    = 0                     L     KEYPAD H4 OFF    = 0
G617    = 823                   L     KEYPAD H5 MULT   = 823
G618    = 100                   L     KEYPAD H5 DIV    = 100
G619    = 0                     L     KEYPAD H5 OFF    = 0
G621    = 954                   L     KEYPAD H6 MULT   = 954
G622    = 100                   L     KEYPAD H6 DIV    = 100
G623    = 0                     L     KEYPAD H6 OFFSET = 0
G649    = 1000                  L     KEYPAD H13 MULT  = 1000
G650    = 205                   L     KEYPAD H13 DIV   = 205
G651    = 0                     L     KEYPAD H13 OFF   = 0
G653    = 954                   L     KEYPAD H14 MULT  = 954
G654    = 10000                 L     KEYPAD H14 DIV   = 10000
G655    = 0                     L     KEYPAD H14 OFF   = 0
G657    = 954                   L     KEYPAD H15 MULT  = 954
G658    = 10000                 L     KEYPAD H15 DIV   = 10000
G659    = 0                     L     KEYPAD H15 OFF   = 0
G661    = 5                     L     KEYPAD H16 MULT  = 5
G662    = 1024                  L     KEYPAD H16 DIV   = 1024
G663    = 0                     L     KEYPAD H16 OFF   = 0
;---------MASTER/SLAVE TRANSFER LOGIC--------------------------------------
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G686     = 3                        L                        = 3
G689     = 1                        L                        = 1
G694     = 1                        L                        = 1
G697     = 2000                     L     SLAVE-MASTER TIM = 2000 ms
G720     = 2000                     L                        = 2000
G741     = 79646                    L                        = 79646
G742     = 10000                    L                        = 10000
;---------PIB PLUG INTERLOCKS-----------------------------------------------
G800.0   = L16809                   L     PIB PLUG1 ILK    = ACCT ILK1/
G800.1   = L16810                   L     PIB PLUG2 ILK    = ACCT ILK2/
G800.2   = L16811                   L     PIB PLUG3 ILK    = AN Term ILK/
G800.3   = L16815                   L     PIB PLUG4 ILK    = Stator V ILK/
;---------V/F PROFILE FUNCTION GENERATOR------------------------------------
G900     = 0                        L     V/F PROFILE FLT  = 0
G901     = 0                        L     V/F PROFILE LWST = 0
G902     = 500                      L     V/F PROFILE INTV = 500
G903     = 22                       L     V/F PROFILE TAB  = 22
G904     = 80.00                    L     V/F OP AT 0% SP  = 80.00 %
G905     = 80.00                    L     V/F OP AT 5% SP  = 80.00 %
G906     = 80.00                    L     V/F OP AT 10% SP = 80.00 %
G907     = 80.00                    L     V/F OP AT 15% SP = 80.00 %
G908     = 80.00                    L     V/F OP AT 20 %SP = 80.00 %
G909     = 80.00                    L     V/F OP AT 25 %SP = 80.00 %
G910     = 80.00                    L     V/F OP AT 30 %SP = 80.00 %
G911     = 80.00                    L     V/F OP AT 35% SP = 80.00 %
G912     = 80.00                    L     V/F OP AT 40% SP = 80.00 %
G913     = 82.00                    L     V/F OP AT 45% SP = 82.00 %
G914     = 85.00                    L     V/F OP AT 50% SP = 85.00 %
G915     = 90.00                    L     V/F OP AT 55% SP = 90.00 %
G916     = 96.10                    L     V/F OP AT 60% SP = 96.10 %
G917     = 104.20                   L     V/F OP AT 65% SP = 104.20 %
G918     = 112.20                   L     V/F OP AT 70% SP = 112.20 %
G919     = 112.20                   L     V/F OP AT 75% SP = 112.20 %
G920     = 112.20                   L     V/F OP AT 80% SP = 112.20 %
G921     = 112.20                   L     V/F OP AT 85% SP = 112.20 %
G922     = 111.11                   L     V/F OP AT 90% SP = 111.11 %
G923     = 105.30                   L     V/F OP AT 95% SP = 105.30 %
G924     = 100.00                   L     V/F OP AT 100%SP = 100.00 %

;-----------HMI SERIAL LINK DATA----------------------------------------
I3       = 36                       L     Lnk 1/1 tx len   = 36

K108.0   = A1.0                     L                      = ID FAN OFF
K108.1   = A1.1                     L                      = PLC TURNING GEAR
K108.2   = A1.2                     L                      = PLC NORMAL SPEED
K108.3   = A1.3                     L                      = PLC RUN
K108.4   = A1.4                     L                      = O/P DIS CLOSED
K108.5   = A1.5                     L                      = REAC FAN 1 OK
K108.6   = A1.6                     L                      = REAC FAN 2 OK
K108.7   = A1.7                     L                      = REAC HIGH TEMP
K108.8   = B1.8                     L                      = DRIVE HLTHY DHR
K108.9   = B1.9                     L                      = DRIVE ALARM DAR
K108.10  = B1.10                    L                      = HV NOT TRIP IBT
K108.11  = B1.11                    L                      = CLOSE EXC FCC
K108.12  = B1.12                    L                      = CLSE OP DIS DIS
K108.13  = B1.13                    L                      = RL1 SPARE
K108.14  = B1.14                    L                      = RL2 SPARE
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K108.15 = B1.15                    L                        = RL3 SPARE

;-----------SPEED REGULATOR-----------------------------------------------
L2101   = L12805                   L     Release reg.       = Release Control
L2106   = L2219                    L     Speed ref          = Total spd. ref.
L2121   = 1.000                    L     Lead t.c.          = 1.000 s
L2122   = 0.020                    L     Integral t.c.      = 0.020 s
L2124   = L7621                    L     Max. output lim.   = Spd Reg Pos Max
L2125   = L7622                    L     Min. output lim.   = Spd Reg Neg Max
L2132   = 10000                    L     Speed f.b. scale   = 10000
L2134   = 1.50                     L     F.b. ratio         = 1.50
L2144   = 0.1000                   L     Fdbk filter        = 0.1000 s
L2159   = 1                        L     Degain speed ctl   = HIGH
L2160   = 3                        L     Degain factor      = 3
L2164   = 1                        L     Initiate degain    = HIGH

;-----------SPEED REFERENCE-----------------------------------------------
L2201   = 0                        L     Apply jog ref.     = LOW
L2205   = 0.00                     L     Trim ref.          = 0.00 %
L2206   = G50.0                    L     Sel. ramp output   = PULSES RELEASED
L2207   = G50.0                    L     Start ramp         = PULSES RELEASED
L2208   = G91                      L     SPD RAMP INPUT     = LIMITED SPD REF
L2212   = L2126                    L     In max limit       = In max limit
L2213   = L2128                    L     In min limit       = In min limit
L2214   = G50.0                    L     Lift ref. clamp    = PULSES RELEASED
L2215   = G50.11                   L     Sel. rate 2        = SLECT RMP RATE2
L2223   = W207                     L     Rate 1 dec         = DECEL RATE
L2224   = 100.00                   L     Max. speed lim.    = 100.00 %
L2225   = 0.00                     L     Min. speed lim.    = 0.00 %
L2229   = 10000                    L     Ramp input scale   = 10000
L2233   = 2.0                      L     Rate 2 acc         = 2.0 %/s
L2234   = W465                     L     Rate 2 dec         = RATE 2 DECEL
L2235   = L2117                    L     Preset ramp in.    = Scaled speed fb.
L2238   = L2137                    L     Limited error      = Limited error
L2239   = L2117                    L     Speed              = Scaled speed fb.
L2241   = 0.5000                   L     Feedback filter    = 0.5000 s
L2248   = 0                        L     Select trim 1      = LOW
L2252   = 10240                    L     Trim 1 scalar      = 10240
L2256   = 0.200                    L     Fltr 1 time cnst   = 0.200 s
L2258   = C3                       L     Filter 2 input     = SPARE
L2259   = 0.300                    L     Fltr 2 time cnst   = 0.300 s

;-----------CONTROL AVAILABLE---------------------------------------------
L2702   = G81                      L     Current fb.        = ADJSTD I REF
L2704   = L3265                    L     Reset              = Reset
L2720   = 10.000                   L     Time at stall      = 10.000 s
L2728   = W220                     L     Cont. cur. level   = USED I2T LEVEL
L2729   = 596.0                    L     Averaging tc       = 596.0 s
L2733   = 35.00                    L     Current det.       = 35.00 %
L2734   = 2.00                     L     Speed det.         = 2.00 %

;------------FAULT DISPLAY------------------------------------------------
L3201   = 'P'                      L     Mess Ltr 0         = 'P'
L3202   = 100                      L     Mess Tbl 0         = 100
L3203   = 'P'                      L     Mess Ltr 8         = 'P'
L3204   = 132                      L     Mess Tbl 8         = 132
L3205   = 'P'                      L     Mess Ltr 16        = 'P'
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L3206   = 164                    L     Mess Tbl 16       = 164
L3207   = 'P'                    L     Mess Ltr 24       = 'P'
L3208   = 196                    L     Mess Tbl 24       = 196
L3209   = 'P'                    L     Mess Ltr 32       = 'P'
L3210   = 228                    L     Mess Tbl 32       = 228
L3211   = 'P'                    L     Mess Ltr 40       = 'P'
L3212   = 260                    L     Mess Tbl 40       = 260
L3213   = 'P'                    L     Mess Ltr 48       = 'P'
L3214   = 292                    L     Mess Tbl 48       = 292
L3215   = 'P'                    L     Mess Ltr 56       = 'P'
L3216   = 324                    L     Mess Tbl 56       = 324
L3217   = 'P'                    L     Mess Ltr 64       = 'P'
L3218   = 356                    L     Mess Tbl 64       = 356
L3219   = 'P'                    L     Mess Ltr 72       = 'P'
L3220   = 388                    L     Mess Tbl 72       = 388
L3221   = 'P'                    L     Mess Ltr 80       = 'P'
L3222   = 420                    L     Mess Tbl 80       = 420
L3223   = 'P'                    L     Mess Ltr 88       = 'P'
L3224   = 452                    L     Mess Tbl 88       = 452
L3225   = 'W'                    L     Mess Ltr 96       = 'W'
L3226   = 624                    L     Mess Tbl 96       = 624
L3227   = 'W'                    L     Mess Ltr 104      = 'W'
L3228   = 656                    L     Mess Tbl 104      = 656
L3229   = 'W'                    L     Mess Ltr 112      = 'W'
L3230   = 624                    L     Mess Tbl 112      = 624
L3231   = 'W'                    L     Mess Ltr 120      = 'W'
L3232   = 656                    L     Mess Tbl 120      = 656
L3249   = @0                     L     Trip Alarm 0      = @0
L3250   = @0                     L     Trip Alarm 32     = @0
L3251   = @FFFFFFFF              L     Trip Alarm 64     = @FFFFFFFF
L3252   = @FFFF                  L     Trip Alarm 96     = @FFFF
L3253   = @FFFFFFFF              L     Trip Alarm 128    = @FFFFFFFF
L3254   = @FFFFFFFF              L     Trip Alarm 160    = @FFFFFFFF
L3255   = @80870A50              L     Hlthy Flag 0      = @80870A50
L3256   = @FA                    L     Hlthy Flag 32     = @FA
L3257   = @E3FF834C              L     Hlthy Flag 64     = @E3FF834C
L3258   = 0                      L     Hlthy Flag 96     = 0
L3259   = @FFFFFFFF              L     Hlthy Flag 128    = @FFFFFFFF
L3260   = @FFFFFFFF              L     Hlthy Flag 160    = @FFFFFFFF
L3265   = G1.11                  L     Reset             = RESET
L3267   = 200                    L     Start up Delay    = 200
L3268   = 4                      L     Inputs Scanned    = 4
L3276   = A34.4                  L     Next Flt Message  = Up key
L3277   = A34.5                  L     Prev Flt Message  = Down key

;----------FEEDER TRIPS STANDARD-----------------------------------------
L3301   = 0                      L     Fault Chan. 0     = LOW
L3302   = 0                      L     Fault Chan. 1     = LOW
L3303   = 0                      L     Fault Chan. 2     = LOW
L3304   = L12818                 L     Fault Chan. 3     = PIR Hlthy
L3305   = L16801                 L     Fault Chan. 4     = C0 Overcurrent
L3306   = G51.1                  L     Fault Chan. 5     = MOTOR OVERSPEED
L3307   = M9.15                  L     Fault Chan. 6     = DIG/OP TEST MODE
L3308   = G51.11                 L     Fault Chan. 7     = PIB CONFIG OK
L3309   = G51.4                  L     Fault Chan. 8     = PIB PLUG INTLK
L3310   = G300.4                 L     Fault Chan. 9     = START FAIL TRIP
L3311   = G300.3                 L     Fault Chan. 10    = BOTH REAC FANS
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L3312   = G300.8                    L     Fault Chan. 11   = SUPPLY HI V TRIP
L3313   = L2714                     L     Fault Chan. 12   = Stall prot. ok
L3314   = L2727                     L     Fault Chan. 13   = I2t prot. ok
L3315   = L12819                    L     Fault Chan. 14   = EPF Hlthy
L3316   = A35.1                     L     Fault Chan. 15   = WATCHDOG TRIP
L3317   = G300.11                   L     Fault Chan. 16   = INV HIFREQ TRIP
L3318   = G300.10                   L     Fault Chan. 17   = INV HI V TRIP
L3319   = G300.9                    L     Fault Chan. 18   = INV LO V  TRIP
L3320   = G51.0                     L     Fault Chan. 19   = OVERVOLTS OK
L3321   = G51.9                     L     Fault Chan. 20   = MOTOR OVER FLUX
L3322   = G51.10                    L     Fault Chan. 21   = UNDER FLUX OK
L3323   = G51.2                     L     Fault Chan. 22   = SUP PHASE REF OK
L3324   = L16802                    L     Fault Chan. 23   = C1 Overcurrent
L3325   = A2.7                      L     Fault Chan. 24   = GATE PSU TRIP OK
L3326   = A2.13                     L     Fault Chan. 25   = CONTROL PSU'S OK
L3327   = A2.12                     L     Fault Chan. 26   = HV DOORS CLOSED
L3328   = G300.6                    L     Fault Chan. 27   = 6 PLS EXC FAIL
L3329   = H100.0                    L     Fault Chan. 28   = MOTOR GND FAULT
L3330   = G42.9                     L     Fault Chan. 29   = ENCLESS START OK
L3331   = G300.14                   L     Fault Chan. 30   = MODE1 ENCDR TRIP
L3332   = L16805                    L     Fault Chan. 31   = O/C Latch
;----------FEEDER TRIPS APPLICATION SPECIFIC-----------------------------
L3333   = H100.3                    L     Fault Chan. 32   = REACTOR O/T
L3334   = H100.4                    L     Fault Chan. 33   = TORQUE REF FAIL
L3335   = H100.5                    L     Fault Chan. 34   = EMERGENCY STOP
L3336   = G503.3                    L     Fault Chan. 35   = COUNTED FOUR
L3337   = G400.0                    L     Fault Chan. 36   = COOL RES LVL TRP
L3338   = G400.2                    L     Fault Chan. 37   = COOL LOW FLO TRP
L3339   = G400.4                    L     Fault Chan. 38   = COOL HI COND TRP
L3340   = G400.6                    L     Fault Chan. 39   = COOL HI TEMP TRP
L3341   = G300.15                   L     Fault Chan. 40   = RUN FAIL TRIP
L3342   = 1                         L     Fault Chan. 41   = HIGH
L3343   = 1                         L     Fault Chan. 42   = HIGH
L3344   = 1                         L     Fault Chan. 43   = HIGH
L3345   = 1                         L     Fault Chan. 44   = HIGH
L3346   = 1                         L     Fault Chan. 45   = HIGH
L3347   = 1                         L     Fault Chan. 46   = HIGH
L3348   = 1                         L     Fault Chan. 47   = HIGH
L3349   = 1                         L     Fault Chan. 48   = HIGH
L3350   = 1                         L     Fault Chan. 49   = HIGH
L3351   = 1                         L     Fault Chan. 50   = HIGH
L3352   = 1                         L     Fault Chan. 51   = HIGH
L3353   = 1                         L     Fault Chan. 52   = HIGH
L3354   = 1                         L     Fault Chan. 53   = HIGH
L3355   = 1                         L     Fault Chan. 54   = HIGH
L3356   = 1                         L     Fault Chan. 55   = HIGH
L3357   = 1                         L     Fault Chan. 56   = HIGH
L3358   = 1                         L     Fault Chan. 57   = HIGH
L3359   = 1                         L     Fault Chan. 58   = HIGH
L3360   = 1                         L     Fault Chan. 59   = HIGH
L3361   = 1                         L     Fault Chan. 60   = HIGH
L3362   = 1                         L     Fault Chan. 61   = HIGH
L3363   = 1                         L     Fault Chan. 62   = HIGH
L3364   = 1                         L     Fault Chan. 63   = HIGH
;---------ALARM CHANNELS-------------------------------------------------
L3365   = G452.0                    L     Fault Chan. 64   = SIG BAT OK
L3366   = G301.14                   L     Fault Chan. 65   = MODE2 ENCD ALARM
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L3367   = G301.7                L     Fault Chan. 66   = SUPPLY LO V ALRM
L3368   = G301.8                L     Fault Chan. 67   = SUPPLY HI V ALRM
L3369   = G300.1                L     Fault Chan. 68   = REAC FAN 1 FAIL
L3370   = G300.2                L     Fault Chan. 69   = REAC FAN 2 FAIL
L3371   = G543.0                L     Fault Chan. 70   = SRL COMMS FAIL
L3372   = A2.15                 L     Fault Chan. 71   = EXC CONTROLER OK
L3373   = L2726                 L     Fault Chan. 72   = I2t alarm
L3374   = B3.3                  L     Fault Chan. 73   = SPD REF LOSS SRF
L3375   = A2.6                  L     Fault Chan. 74   = GATE PSU ALRM OK
L3376   = G12.0                 L     Fault Chan. 75   = HDLC CARD FAIL
L3377   = L7308                 L     Fault Chan. 76   = Input data hlthy
L3378   = G15.0                 L     Fault Chan. 77   = OPTO LINK FAIL
L3379   = G300.0                L     Fault Chan. 78   = SURGE CCT ALARM
L3380   = H102.0                L     Fault Chan. 79   = S1 O/C RIDETHRO
L3381   = H102.1                L     Fault Chan. 80   = M1 O/C RIDETHRO
L3382   = H102.2                L     Fault Chan. 81   = PARITY RIDETHRO
L3383   = H102.3                L     Fault Chan. 82   = IP XFMR A PH O/T
L3384   = H102.4                L     Fault Chan. 83   = IP XFMR B PH O/T
L3385   = H102.5                L     Fault Chan. 84   = IP XFMR C PH O/T
L3386   = H102.7                L     Fault Chan. 85   = SIGMA TEMP HIGH
L3387   = G400.1                L     Fault Chan. 86   = COOL RES LVL ALM
L3388   = G400.3                L     Fault Chan. 87   = COOL LOW FLO ALM
L3389   = G400.5                L     Fault Chan. 88   = COOL HI COND ALM
L3390   = G400.7                L     Fault Chan. 89   = COOL HI TEMP ALM
L3391   = A4.6                  L     Fault Chan. 90   = COOL PAN H20 ALM
L3392   = A4.8                  L     Fault Chan. 91   = COOL PUMP 1 O/L
L3393   = A4.9                  L     Fault Chan. 92   = COOL PUMP 2 O/L
L3394   = G400.15               L     Fault Chan. 93   = NO HONEYWELL SIG
L3395   = G400.10               L     Fault Chan. 94   = PUMP 1 ALARM
L3396   = G400.11               L     Fault Chan. 95   = PUMP 2 ALARM

;------------------CONVERTER DIAGNOSTICS ALARMS-----------------------------
L3401   = L7310.0               L     Fault Chan. 96   = 1st alarm
L3402   = L7310.1               L     Fault Chan. 97   = 2nd alarm
L3403   = L7310.2               L     Fault Chan. 98   = 3rd alarm
L3404   = L7310.3               L     Fault Chan. 99   = 4th alarm
L3405   = L7310.4               L     Fault Chan. 100  = 5th alarm
L3406   = L7310.5               L     Fault Chan. 101  = 6th alarm
L3407   = L7310.6               L     Fault Chan. 102  = 7th alarm
L3408   = L7310.7               L     Fault Chan. 103  = 8th alarm
L3409   = L7310.8               L     Fault Chan. 104  = 9th alarm
L3410   = L7310.9               L     Fault Chan. 105  = 10th alarm
L3411   = L7310.10              L     Fault Chan. 106  = 11th alarm
L3412   = L7310.11              L     Fault Chan. 107  = 12th alarm
L3413   = L7310.12              L     Fault Chan. 108  = 13th alarm
L3414   = L7310.13              L     Fault Chan. 109  = 14th alarm
L3415   = L7310.14              L     Fault Chan. 110  = 15th alarm
L3416   = L7310.15              L     Fault Chan. 111  = 16th alarm
;------------------CONVERTER DIAGNOSTICS TRIPS------------------------------
L3417   = L7311.0               L     Fault Chan. 112  = 1st fault
L3418   = L7311.1               L     Fault Chan. 113  = 2nd fault
L3419   = L7311.2               L     Fault Chan. 114  = 3rd fault
L3420   = L7311.3               L     Fault Chan. 115  = 4th fault
L3421   = L7311.4               L     Fault Chan. 116  = 5th fault
L3422   = L7311.5               L     Fault Chan. 117  = 6th fault
L3423   = L7311.6               L     Fault Chan. 118  = 7th fault
L3424   = L7311.7               L     Fault Chan. 119  = 8th fault
```

```
L3425   = L7311.8                L     Fault Chan. 120  = 9th fault
L3426   = L7311.9                L     Fault Chan. 121  = 10th fault
L3427   = L7311.10               L     Fault Chan. 122  = 11th fault
L3428   = L7311.11               L     Fault Chan. 123  = 12th fault
L3429   = L7311.12               L     Fault Chan. 124  = 13th fault
L3430   = L7311.13               L     Fault Chan. 125  = 14th fault
L3431   = L7311.14               L     Fault Chan. 126  = 15th fault
L3432   = L7311.15               L     Fault Chan. 127  = 16th fault

;-----------------SLOW HISTORY-----------------------------------------------
L3501   = G1.12                  L     History Enable   = TRIP HISTORY
L3504   = 'L'                    L     Ana chan 0 ltr   = 'L'
L3505   = 2119                   L     Ana chan 0 num   = 2119
L3506   = 'L'                    L     Ana chan 1 ltr   = 'L'
L3507   = 2106                   L     Ana chan 1 num   = 2106
L3508   = 'L'                    L     Ana chan 2 ltr   = 'L'
L3509   = 2115                   L     Ana chan 2 num   = 2115
L3510   = 'L'                    L     Ana chan 3 ltr   = 'L'
L3511   = 13924                  L     Ana chan 3 num   = 13924
L3512   = 'L'                    L     Ana chan 4 ltr   = 'L'
L3513   = 22208                  L     Ana chan 4 num   = 22208
L3514   = 'L'                    L     Ana chan 5 ltr   = 'L'
L3515   = 22220                  L     Ana chan 5 num   = 22220
L3516   = 'L'                    L     Ana chan 6 ltr   = 'L'
L3517   = 22115                  L     Ana chan 6 num   = 22115
L3518   = 'C'                    L     Ana chan 7 ltr   = 'C'
L3519   = 7                      L     Ana chan 7 num   = 7
L3520   = 'C'                    L     Ana chan 8 ltr   = 'C'
L3521   = 16                     L     Ana chan 8 num   = 16
L3522   = 'D'                    L     Ana chan 9 ltr   = 'D'
L3523   = 0                      L     Ana chan 9 num   = 0
L3524   = 'B'                    L     Log chan 0 ltr   = 'B'
L3525   = 1.08                   L     Log chan 0 num   = 1.08
L3526   = 'B'                    L     Log chan 1 ltr   = 'B'
L3527   = 1.09                   L     Log chan 1 num   = 1.09
L3528   = 'B'                    L     Log chan 2 ltr   = 'B'
L3529   = 1.10                   L     Log chan 2 num   = 1.10
L3530   = 'B'                    L     Log chan 3 ltr   = 'B'
L3531   = 1.11                   L     Log chan 3 num   = 1.11
L3532   = 'B'                    L     Log chan 4 ltr   = 'B'
L3533   = 1.12                   L     Log chan 4 num   = 1.12
L3534   = 'B'                    L     Log chan 5 ltr   = 'B'
L3535   = 1.13                   L     Log chan 5 num   = 1.13
L3536   = 'B'                    L     Log chan 6 ltr   = 'B'
L3537   = 1.14                   L     Log chan 6 num   = 1.14
L3538   = 'B'                    L     Log chan 7 ltr   = 'B'
L3539   = 1.15                   L     Log chan 7 num   = 1.15
L3540   = 'B'                    L     Log chan 8 ltr   = 'B'
L3541   = 3.00                   L     Log chan 8 num   = 3.00
L3542   = 'B'                    L     Log chan 9 ltr   = 'B'
L3543   = 3.01                   L     Log chan 9 num   = 3.01
L3544   = 'A'                    L     Log chan 10 ltr  = 'A'
L3545   = 4.04                   L     Log chan 10 num  = 4.04
L3546   = 'B'                    L     Log chan 11 ltr  = 'B'
L3547   = 3.03                   L     Log chan 11 num  = 3.03
L3548   = 'B'                    L     Log chan 12 ltr  = 'B'
L3549   = 3.04                   L     Log chan 12 num  = 3.04
```

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L3550   = 'B'                    L     Log chan 13 ltr  = 'B'
L3551   = 3.05                   L     Log chan 13 num  = 3.05
L3552   = 'B'                    L     Log chan 14 ltr  = 'B'
L3553   = 3.06                   L     Log chan 14 num  = 3.06
L3554   = 'B'                    L     Log chan 15 ltr  = 'B'
L3555   = 3.07                   L     Log chan 15 num  = 3.07
L3556   = G552.0                 L     Reset history    =
L3558   = 10                     L     Num Analogue Ch  = 10
L3559   = 30                     L     Smpls after trip = 30 %
L3563   = L3275                  L     Fault Mess Ptr   = Fault Mess Ptr
L3564   = L3274                  L     Fault Number     = Fault Mess No.
L3568   = 1                      L     Scans/sample     = 1

;-------------------HDLC CARD SETUP----------------------------------------
L7202   = E0.6                   L     Configure Links  = First scan flag
L7203   = 3                      L     Lnk 0 Type       = 3
L7204   = 12                     L     Lnk 0 Addr       = 12
L7205   = 3                      L     Lnk 0 Baud       = 3
L7206   = 0                      L     Lnk 0 Extra0     = 0
L7207   = 0                      L     Lnk 0 Extra1     = 0
L7208   = 0                      L     Lnk 1 Type       = 0
L7217   = 'W'                    L     0/0 Rx Letter    = 'W'
L7218   = 600                    L     0/0 Rx Offset    = 600
L7219   = 12                     L     0/0 Rx Size      = 12

;-------------------CONVERTER DIAGNOSTICS SETUP----------------------------
L7301   = 'W'                    L     Data i/p letter  = 'W'
L7302   = 600                    L     Data i/p no.     = 600
L7303   = 12                     L     No. of tribs     = 12
L7304   = 'P'                    L     Mess i/p letter  = 'P'
L7305   = 600                    L     Mess i/p no.     = 600
L7306   = 'W'                    L     Mess o/p letter  = 'W'
L7307   = 624                    L     Mess o/p no.     = 624
L7314   = L3265                  L     Reset            = Reset
L7316   = 20                     L     Alarm period     = 20
L7317   = 20                     L     Alarm count      = 20
L7319   = L7284                  L     No. of loops     = Rx messages
L7321   = 0                      L     Inhibit Supply   = LOW
L7322   = 0                      L     Inhibit Machine  = LOW
L7324   = 0                      L     Inhibit All      = LOW
L7325   = 0                      L     Inhibit Cell Flt = LOW
L7326   = 0                      L     Inhibit Sys Flts = LOW

;-------------------TORQUE CONTROL-----------------------------------------
L7602   = 5.00                   L     Reactive Ref     = 5.00 %
L7603   = G82                    L     Max. Amplitude   = I LIMIT MAX
L7604   = 0.10                   L     Min. Amplitude   = 0.10 %
L7618   = L13926                 L     Reversing        = F/B Reversing
L7619   = 1                      L     Enable Motoring  = HIGH
L7620   = 1                      L     Enble Generating = HIGH
L7637   = 0.8660                 L     Max PF Limit     = 0.8660
L7638   = -0.8660                L     Min PF Limit     = -0.8660
L7640   = L12618                 L     At Front Stop    = At Front Stop
L7641   = L12620                 L     At Back Stop     = At Back Stop
L7642   = 5.00                   L     Rate Limit       = 5.00 %/s

;----------MAINS SYNCHRONIZATION-----------------------------------------
```

```
L10711  = 55.0                    L     Min Frequency    = 55.0 Hz
L10712  = 65.0                    L     Max Frequency    = 65.0 Hz
L10713  = 7007                    L     Scaling Factor   = 7007
L10716  = 70.00                   L     Loss Threshold   = 70.00 %
L10717  = 10.00                   L     Loss Hysteresis  = 10.00 %

;----------FAST HISTORY-------------------------------------------------------
L11901  = G1.12                   L     History enable   = TRIP HISTORY
L11905  = 13402                   L     Ana chan 0 num   = 13402
L11907  = 13907                   L     Ana chan 1 num   = 13907
L11909  = 12614                   L     Ana chan 2 num   = 12614
L11911  = 12616                   L     Ana chan 3 num   = 12616
L11913  = 7617                    L     Ana chan 4 num   = 7617
L11915  = 12315                   L     Ana chan 5 num   = 12315
L11917  = 12102                   L     Ana chan 6 num   = 12102
L11919  = 12309                   L     Ana chan 7 num   = 12309
L11921  = 7624                    L     Ana chan 8 num   = 7624
L11923  = 12305                   L     Ana chan 9 num   = 12305
L11924  = 'A'                     L     Log chan 0 ltr   = 'A'
L11925  = 32.07                   L     Log chan 0 num   = 32.07
L11926  = 'A'                     L     Log chan 1 ltr   = 'A'
L11927  = 2.00                    L     Log chan 1 num   = 2.00
L11928  = 'A'                     L     Log chan 2 ltr   = 'A'
L11929  = 2.01                    L     Log chan 2 num   = 2.01
L11930  = 'A'                     L     Log chan 3 ltr   = 'A'
L11931  = 4.04                    L     Log chan 3 num   = 4.04
L11932  = 'A'                     L     Log chan 4 ltr   = 'A'
L11933  = 1.00                    L     Log chan 4 num   = 1.00
L11934  = 'A'                     L     Log chan 5 ltr   = 'A'
L11935  = 1.01                    L     Log chan 5 num   = 1.01
L11936  = 'A'                     L     Log chan 6 ltr   = 'A'
L11937  = 1.02                    L     Log chan 6 num   = 1.02
L11938  = 'A'                     L     Log chan 7 ltr   = 'A'
L11939  = 1.03                    L     Log chan 7 num   = 1.03
L11940  = 'G'                     L     Log chan 8 ltr   = 'G'
L11941  = 50.00                   L     Log chan 8 num   = 50.00
L11942  = 'L'                     L     Log chan 9 ltr   = 'L'
L11943  = 12802.00                L     Log chan 9 num   = 12802.00
L11944  = 'A'                     L     Log chan 10 ltr  = 'A'
L11945  = 1.04                    L     Log chan 10 num  = 1.04
L11946  = 'G'                     L     Log chan 11 ltr  = 'G'
L11947  = 691.01                  L     Log chan 11 num  = 691.01
L11948  = 'G'                     L     Log chan 12 ltr  = 'G'
L11949  = 60.00                   L     Log chan 12 num  = 60.00
L11950  = 'G'                     L     Log chan 13 ltr  = 'G'
L11951  = 60.01                   L     Log chan 13 num  = 60.01
L11952  = 'G'                     L     Log chan 14 ltr  = 'G'
L11953  = 60.02                   L     Log chan 14 num  = 60.02
L11954  = 'G'                     L     Log chan 15 ltr  = 'G'
L11955  = 70.00                   L     Log chan 15 num  = 70.00
L11956  = G552.0                  L     Reset history    =
L11959  = 16                      L     Num Analog Chs   = 16
L11960  = 10                      L     % after trip     = 10 %
L11963  = L3275                   L     Fault mess ptr   = Fault Mess Ptr
L11964  = L3274                   L     Fault number     = Fault Mess No.
L11978  = 100                     L     Memory requd (k) = 100
L11981  = 'L'                     L     F/b 0 Letter     = 'L'
```

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L11982  = 13102                    L     F/b 0 Num         = 13102
L11983  = 'L'                      L     F/b 1 Letter      = 'L'
L11984  = 13402                    L     F/b 1 Num         = 13402
L11985  = 'L'                      L     F/b 2 Letter      = 'L'
L11986  = 12302                    L     F/b 2 Num         = 12302
L11987  = 'L'                      L     F/b 3 Letter      = 'L'
L11988  = 12304                    L     F/b 3 Num         = 12304
L11989  = 'L'                      L     F/b 4 Letter      = 'L'
L11990  = 10719                    L     F/b 4 Num         = 10719
L11991  = 'L'                      L     F/b 5 Letter      = 'L'
L11992  = 10704                    L     F/b 5 Num         = 10704
L11993  = 1                        L     Num Fast Chs      = 1
L11997  = 300                      L     Sample limit      = 300
L11999  = 1                        L     Empty buffer      = HIGH

L12001  = 'L'                      L     Ana chan 10 ltr   = 'L'
L12002  = 10701                    L     Ana chan 10 num   = 10701
L12003  = 'L'                      L     Ana chan 11 ltr   = 'L'
L12004  = 12616                    L     Ana chan 11 num   = 12616
L12005  = 'L'                      L     Ana chan 12 ltr   = 'L'
L12006  = 12312                    L     Ana chan 12 num   = 12312
L12007  = 'L'                      L     Ana chan 13 ltr   = 'L'
L12008  = 13907                    L     Ana chan 13 num   = 13907
L12009  = 'L'                      L     Ana chan 14 ltr   = 'L'
L12010  = 12902                    L     Ana chan 14 num   = 12902
L12011  = 'L'                      L     Ana chan 15 ltr   = 'L'
L12012  = 10703                    L     Ana chan 15 num   = 10703

;---------SUPPLY BRIDGE FIRING CONTROL-------------------------------------
L12101  = 113.80                   L     Phase Shift       = 113.80 DEG

;---------STATOR VOLTAGE FEEDBACK------------------------------------------
L12301  = 19057                    L     Scaling Factor    = 19057
L12308  = 63.6                     L     Rated Frequency   = 63.6 Hz
L12320  = L12805                   L     Release Ramp      = Release Control
L12331  = 0                        L     Select Sync 2     = LOW
L12332  = 0                        L     Use Enh. Calcs    = LOW
L12333  = 0.20                     L     Max Phase Error   = 0.20

;---------CURRENT REGULATION-----------------------------------------------
L12601  = G80                      L     Current Ref       = CURRENT REF
L12602  = 0.090                    L     Source Reactance  = 0.090 PU
L12603  = 1.00                     L     Peak/Full Ratio   = 1.00
L12604  = 0.8660                   L     COS(safety ang)   = 0.8660
L12606  = 99.25                    L     Volt Front Limit  = 99.25 %
L12607  = 0.400                    L     Proportion Gain   = 0.400
L12608  = 2.500                    L     Integral Gain     = 2.500
L12612  = -100.00                  L     Open Loop Ref     = -100.00 %
L12615  = G88                      L     Beta Reference    = LIMITED BETA REF
L12617  = 1.00                     L     Front Stop Limit  = 1.00 %
L12619  = 1.00                     L     Back Stop Limit   = 1.00 %

;---------PROTECTION CONTROL-----------------------------------------------
L12801  = G50.4                    L     Run Request       = L128 PULS RELSED
L12820  = 1                        L     Disable S1/S2     = HIGH
L12821  = G23.10                   L     Disable S1/M1     = DIS PARITY TRIPS
L12822  = 1                        L     Disable S2/M2     = HIGH
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L12823  = L12806                L     Disable PIR Trip = Suicide Control
L12826  = 1                     L     Dsbl S1/S2 Trip  = HIGH
L12827  = G23.10                L     Dsbl S1/M1 Trip  = DIS PARITY TRIPS
L12828  = 1                     L     Dsbl S2/M2 Trip  = HIGH
L12831  = 50.00                 L     S1/S2 Threshold  = 50.00 %
L12832  = 50.00                 L     S1/M1 Pos Thresh = 50.00 %
L12833  = 50.00                 L     S1/M1 Neg Thresh = 50.00 %
L12834  = 100.00                L     S2/M2 Pos Thresh = 100.00 %
L12835  = 100.00                L     S2/M2 Neg Thresh = 100.00 %

;----------MACHINE BRIDGE FIRING CONTROL-----------------------------------
L12901  = 64.00                 L     Phase Shift      = 64.00 DEG

;----------CURRENT FEEDBACK SCALING----------------------------------------
L13101  = 10937                 L     Scaling Factor   = 10937
L13103  = 135.00                L     Trip Threshold   = 135.00 %

L13401  = 10937                 L     Scaling Factor   = 10937
L13403  = 135.00                L     Trip Threshold   = 135.00 %

;---------SET PULSE LENGTH-------------------------------------------------
L13851  = 0                     L     Use 25us Pulses  = LOW
L13854  = 1                     L     Use Dual History = HIGH

;---------ENCODER MODULE---------------------------------------------------
L13902  = 0.00                  L     Position Offset  = 0.00 DEG
L13903  = L7635                 L     Reverse Torque   = Reverse Torque
L13910  = 0.250                 L     Required time    = 0.250 s
L13912  = 63.60                 L     Rated Frequency  = 63.60 Hz
L13917  = L2257                 L     Speed Feedback   = Filter 1 output
L13918  = 9.00                  L     Cutoff Centre    = 9.00 %
L13919  = 1.00                  L     Cutoff Bandwidth = 1.00 %
L13920  = L12330                L     Synchronised     = Synchronized
L13922  = L12309                L     External Speed   = Stator Frequency
L13923  = L12330                L     Sel Extrn Speed  = Synchronized

;----------MAINS SYCHRONIZATION 2 - USED FOR MONITORING - ------------------
L14713  = 7007                  L     Scaling Factor   = 7007
L14714  = 20.000                L     Filter TC        = 20.000 ms

;----------FAST HISTORY RECORD 2-------------------------------------------
L15901  = G1.12                 L     History enable   = TRIP HISTORY
L15905  = 10704                 L     Ana chan 0 num   = 10704
L15906  = 'C'                   L     Ana chan 1 ltr   = 'C'
L15907  = 5                     L     Ana chan 1 num   = 5
L15909  = 10701                 L     Ana chan 2 num   = 10701
L15911  = 10703                 L     Ana chan 3 num   = 10703
L15913  = 12902                 L     Ana chan 4 num   = 12902
L15915  = 13907                 L     Ana chan 5 num   = 13907
L15917  = 12312                 L     Ana chan 6 num   = 12312
L15919  = 12305                 L     Ana chan 7 num   = 12305
L15921  = 12616                 L     Ana chan 8 num   = 12616
L15923  = 7623                  L     Ana chan 9 num   = 7623
L15924  = 'A'                   L     Log chan 0 ltr   = 'A'
L15925  = 32.07                 L     Log chan 0 num   = 32.07
L15926  = 'A'                   L     Log chan 1 ltr   = 'A'
L15927  = 2.00                  L     Log chan 1 num   = 2.00
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L15928  = 'A'                    L     Log chan 2 ltr    = 'A'
L15929  = 2.10                   L     Log chan 2 num    = 2.10
L15930  = 'A'                    L     Log chan 3 ltr    = 'A'
L15931  = 2.15                   L     Log chan 3 num    = 2.15
L15932  = 'A'                    L     Log chan 4 ltr    = 'A'
L15933  = 1.00                   L     Log chan 4 num    = 1.00
L15934  = 'A'                    L     Log chan 5 ltr    = 'A'
L15935  = 1.01                   L     Log chan 5 num    = 1.01
L15936  = 'A'                    L     Log chan 6 ltr    = 'A'
L15937  = 1.02                   L     Log chan 6 num    = 1.02
L15938  = 'A'                    L     Log chan 7 ltr    = 'A'
L15939  = 1.03                   L     Log chan 7 num    = 1.03
L15940  = 'G'                    L     Log chan 8 ltr    = 'G'
L15941  = 50.00                  L     Log chan 8 num    = 50.00
L15942  = 'L'                    L     Log chan 9 ltr    = 'L'
L15943  = 12802.00               L     Log chan 9 num    = 12802.00
L15944  = 'L'                    L     Log chan 10 ltr   = 'L'
L15945  = 10708.00               L     Log chan 10 num   = 10708.00
L15946  = 'G'                    L     Log chan 11 ltr   = 'G'
L15947  = 691.01                 L     Log chan 11 num   = 691.01
L15948  = 'G'                    L     Log chan 12 ltr   = 'G'
L15949  = 60.00                  L     Log chan 12 num   = 60.00
L15950  = 'G'                    L     Log chan 13 ltr   = 'G'
L15951  = 60.01                  L     Log chan 13 num   = 60.01
L15952  = 'G'                    L     Log chan 14 ltr   = 'G'
L15953  = 60.02                  L     Log chan 14 num   = 60.02
L15954  = 'L'                    L     Log chan 15 ltr   = 'L'
L15955  = 10718.00               L     Log chan 15 num   = 10718.00
L15956  = G552.0                 L     Reset history     =
L15959  = 10                     L     Num Analog Chs    = 10
L15960  = 10                     L     % after trip      = 10 %
L15963  = L3275                  L     Fault mess ptr    = Fault Mess Ptr
L15964  = L3274                  L     Fault number      = Fault Mess No.
L15981  = 'L'                    L     F/b 0 Letter      = 'L'
L15982  = 13102                  L     F/b 0 Num         = 13102
L15983  = 'L'                    L     F/b 1 Letter      = 'L'
L15984  = 13402                  L     F/b 1 Num         = 13402
L15985  = 'L'                    L     F/b 2 Letter      = 'L'
L15986  = 12302                  L     F/b 2 Num         = 12302
L15987  = 'L'                    L     F/b 3 Letter      = 'L'
L15988  = 12304                  L     F/b 3 Num         = 12304
L15989  = 'L'                    L     F/b 4 Letter      = 'L'
L15990  = 10719                  L     F/b 4 Num         = 10719
L15991  = 'L'                    L     F/b 5 Letter      = 'L'
L15992  = 10704                  L     F/b 5 Num         = 10704
L15993  = 1                      L     Num Fast Chs      = 1
L15997  = 300                    L     Sample limit      = 300
L15999  = 1                      L     Empty buffer      = HIGH

;----------TYPE C CONFIGURATION-----------------------------------------------
L16841  = W444                   L     D4 MOTOR SPEED    = SCALED D4
L16842  = W449                   L     D5 MOTOR CURRENT  = SCALED D5
L16843  = W454                   L     D6 MOTOR VOLTS    = SCALED D6
L16844  = W459                   L     D7 SPARE          = SCALED D7
L16845  = 2                      L     Volt FB Select    = 2
L16846  = 1                      L     Enable R Integ.   = HIGH
L16847  = 1                      L     Enable S Integ.   = HIGH
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L16848  = 1                        L     Enable T Integ.   = HIGH

;---------V/F REGULATION-----------------------------------------------------
L22101  = G50.6                    L     Release reg.      = START SEQUENCE
L22106  = L22220                   L     V/F REFERENCE     = TOTAL V/F REF
L22112  = L12304                   L     V/F FEEDBACK      = Filtered V/F
L22121  = 0.500                    L     Lead t.c.         = 0.500 s
L22122  = 0.500                    L     Integral t.c.     = 0.500 s
L22124  = 100.00                   L     Max. output lim.  = 100.00 %
L22125  = 0.00                     L     Min. output lim.  = 0.00 %
L22132  = 10000                    L     V/F FDBCK SCALE   = 10000
L22142  = 37.00                    L     Preset contr o/p  = 37.00 %
L22143  = G110.2                   L     Init preset o/p   = INHIBIT V/F REG
L22144  = 0.1000                   L     Fdbk filter       = 0.1000 s

;---------V/F REFERENCE------------------------------------------------------
L22206  = 1                        L     Sel. ramp output  = HIGH
L22207  = 1                        L     Start ramp        = HIGH
L22208  = W19                      L     Ramp input        = V/F REFERENCE
L22212  = L22126                   L     In max limit      = In max limit
L22213  = L22128                   L     In min limit      = In min limit
L22214  = 1                        L     Lift ref. clamp   = HIGH
L22222  = 100.0                    L     Rate 1 acc        = 100.0 %/s
L22223  = 100.0                    L     Rate 1 dec        = 100.0 %/s
L22224  = 120.00                   L     + V/F LIMIT       = 120.00 %
L22225  = 0.00                     L     - V/F LIMIT       = 0.00 %
L22229  = 10000                    L     Ramp input scale  = 10000
L22235  = L12304                   L     Preset ramp in.   = Filtered V/F
L22236  = G1.10                    L     Init preset ramp  = PRESET V/F RAMP
L22256  = 0.050                    L     Fltr 1 time cnst  = 0.050 s

;---------CONTROL HISTORY RECORD 2-------------------------------------------
L23501  = G1.12                    L     History Enable    = TRIP HISTORY
L23504  = 'L'                      L     Ana chan 0 ltr    = 'L'
L23505  = 12305                    L     Ana chan 0 num    = 12305
L23506  = 'G'                      L     Ana chan 1 ltr    = 'G'
L23507  = 460                      L     Ana chan 1 num    = 460
L23508  = 'L'                      L     Ana chan 2 ltr    = 'L'
L23509  = 13109                    L     Ana chan 2 num    = 13109
L23510  = 'L'                      L     Ana chan 3 ltr    = 'L'
L23511  = 13409                    L     Ana chan 3 num    = 13409
L23512  = 'L'                      L     Ana chan 4 ltr    = 'L'
L23513  = 7624                     L     Ana chan 4 num    = 7624
L23514  = 'L'                      L     Ana chan 5 ltr    = 'L'
L23515  = 13924                    L     Ana chan 5 num    = 13924
L23516  = 'G'                      L     Ana chan 6 ltr    = 'G'
L23517  = 83                       L     Ana chan 6 num    = 83
L23518  = 'G'                      L     Ana chan 7 ltr    = 'G'
L23519  = 461                      L     Ana chan 7 num    = 461
L23520  = 'C'                      L     Ana chan 8 ltr    = 'C'
L23521  = 14                       L     Ana chan 8 num    = 14
L23522  = 'L'                      L     Ana chan 9 ltr    = 'L'
L23523  = 2730                     L     Ana chan 9 num    = 2730
L23524  = 'A'                      L     Log chan 0 ltr    = 'A'
L23525  = 32.07                    L     Log chan 0 num    = 32.07
L23526  = 'A'                      L     Log chan 1 ltr    = 'A'
L23527  = 2.00                     L     Log chan 1 num    = 2.00
```

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L23528  = 'A'                    L     Log chan 2 ltr   = 'A'
L23529  = 2.01                   L     Log chan 2 num   = 2.01
L23530  = 'A'                    L     Log chan 3 ltr   = 'A'
L23531  = 2.15                   L     Log chan 3 num   = 2.15
L23532  = 'A'                    L     Log chan 4 ltr   = 'A'
L23533  = 1.00                   L     Log chan 4 num   = 1.00
L23534  = 'A'                    L     Log chan 5 ltr   = 'A'
L23535  = 4.04                   L     Log chan 5 num   = 4.04
L23536  = 'A'                    L     Log chan 6 ltr   = 'A'
L23537  = 1.02                   L     Log chan 6 num   = 1.02
L23538  = 'A'                    L     Log chan 7 ltr   = 'A'
L23539  = 1.03                   L     Log chan 7 num   = 1.03
L23540  = 'G'                    L     Log chan 8 ltr   = 'G'
L23541  = 50.00                  L     Log chan 8 num   = 50.00
L23542  = 'L'                    L     Log chan 9 ltr   = 'L'
L23543  = 12802.00               L     Log chan 9 num   = 12802.00
L23544  = 'A'                    L     Log chan 10 ltr  = 'A'
L23545  = 1.04                   L     Log chan 10 num  = 1.04
L23546  = 'G'                    L     Log chan 11 ltr  = 'G'
L23547  = 691.01                 L     Log chan 11 num  = 691.01
L23548  = 'G'                    L     Log chan 12 ltr  = 'G'
L23549  = 60.00                  L     Log chan 12 num  = 60.00
L23550  = 'G'                    L     Log chan 13 ltr  = 'G'
L23551  = 60.01                  L     Log chan 13 num  = 60.01
L23552  = 'G'                    L     Log chan 14 ltr  = 'G'
L23553  = 60.02                  L     Log chan 14 num  = 60.02
L23554  = 'G'                    L     Log chan 15 ltr  = 'G'
L23555  = 70.00                  L     Log chan 15 num  = 70.00
L23556  = G552.0                 L     Reset history    =
L23558  = 10                     L     Num Analogue Ch  = 10
L23559  = 30                     L     Smpls after trip = 30 %
L23563  = L3275                  L     Fault Mess Ptr   = Fault Mess Ptr
L23564  = L3274                  L     Fault Number     = Fault Mess No.
L23568  = 1                      L     Scans/sample     = 1

;---------TEST REFERENCES-----------------------------------------------
M4      = 0.00                   L     CSP TEST SPD REF = 0.00 %
M5.4    = 0                      L     SYNC 2 REQUIRED  = LOW
M5.11   = 1                      L     USE HMI CLOCK    = HIGH
M5.12   = 0                  U         EN COND HISTORY  = LOW
M6      = 0.00                   L     EXCTR TEST REF   = 0.00 %
M7      = 0                      L                      = 0
M9.4    = 1                      L     ENABLE DIAG      = HIGH
M9.10   = 1                      L     USE ENCODERS     = HIGH

;---------CONFIGURATION VARIABLES---------------------------------------
P0      = 0                      L     Drive ID         = 0
P1      = 5.000                  L     Scan time        = 5.000 ms
P3.14   = 1                      L                      = HIGH
P5      = 1.000                  L     Delay units      = 1.000 ms
P8      = 0                      L     Enable Drive ID  = LOW
P9.0    = 1                      L     Run on power up  = HIGH
P9.2    = 1                      L     4495 Cust. I/O   = HIGH
P9.5    = 0                      L     Program FLASH    = LOW
P10     = 'H'                    L     Monitor Letter   = 'H'
P11     = 1                      L     Monitor Offset   = 1
P25     = 72                     L     Eh card slot 1   = 72
```

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;---------CRITICAL FAULT DISPLAY MESSAGES-----------------------------------
P100    = "SUPPLY INST O/C "      L                      =
P104    = "MACHINE INST O/C"      L                      =
P108    = "S1/M1 CT PARITY "      L                      =
P112    = "INPUT BKR OPEN  "      L                      =
P116    = "S1 HARDWARE O/C "      L                      =
P120    = "MOTOR OVERSPEED "      L                      =
P124    = "DIG/OP TEST ON  "      L                      =
P128    = "PIB CONFIG ERROR"      L                      =
P132    = "PIB PLUG INTLOCK"      L                      =
P136    = "FAIL TO START   "      L                      =
P140    = "REAC FANS FAIL  "      L                      =
P144    = "SUPPLY HI VOLTS "      L                      =
P148    = "MOTOR STALL     "      L                      =
P152    = "MOTOR I2T-TEMP  "      L                      =
P156    = "EARLY POWER FAIL"      L                      =
P160    = "WATCHDOG FAULT  "      L                      =
P164    = "INV HI FREQ     "      L                      =
P168    = "INV HI VOLTS    "      L                      =
P172    = "INV LO VOLTS    "      L                      =
P176    = "MOTOR HI VOLTS  "      L                      =
P180    = "MOTOR OVERFLUX  "      L                      =
P184    = "MOTOR UNDERFLUX "      L                      =
P188    = "SYNC REF FAILURE"      L                      =
P192    = "M1 HARDWARE O/C "      L                      =
P196    = "GATE PSU FAIL   "      L                      =
P200    = "CONTROL PSU FAIL"      L                      =
P204    = "HV DOOR OPEN    "      L                      =
P208    = "6 PLS EXCITER   "      L                      =
P212    = "MOTOR GND FAULT "      L                      =
P216    = "NO ENC START FLT"      L                      =
P220    = "MODE 1 ENC FAULT"      L                      =
P224    = "LATCHED O/C     "      L                      =
;----------CHANNEL FAULT DISPLAY MESSAGES-----------------------------------
P228    = "REAC HIGH TEMP  "      L                      =
P232    = "TORQUE REF FAIL "      L                      =
P236    = "EMERGENCY STOP  "      L                      =
P240    = "3 FAULTS/MIN    "      L                      =
P244    = "RES LEVEL LOW   "      L                      =
P248    = "LOW FLOW        "      L                      =
P252    = "HI CONDUCTIVITY "      L                      =
P256    = "HI WATER TEMP   "      L                      =
P260    = "RUN FAIL TRIP   "      L                      =
P264    = "                "      L                      =
P268    = "                "      L                      =
P272    = "                "      L                      =
P276    = "                "      L                      =
P280    = "                "      L                      =
P284    = "                "      L                      =
P288    = "                "      L                      =
P292    = "                "      L                      =
P296    = "                "      L                      =
P300    = "                "      L                      =
P304    = "                "      L                      =
P308    = "                "      L                      =
P312    = "                "      L                      =
P316    = "                "      L                      =
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P320    = "                    "      L                        =
P324    = "                    "      L                        =
P328    = "                    "      L                        =
P332    = "                    "      L                        =
P336    = "                    "      L                        =
P340    = "                    "      L                        =
P344    = "                    "      L                        =
P348    = "                    "      L                        =
P352    = "                    "      L                        =
;----------ALARM FAULT DISPLAY MESSAGES-------------------------------------
P356    = "BATTERIES LOW    "      L                        =
P360    = "MODE 2 ENCODER   "      L                        =
P364    = "SUPPLY LO VOLTS  "      L                        =
P368    = "SUPPLY HI VOLTS  "      L                        =
P372    = "REACTOR FAN 1    "      L                        =
P376    = "REACTOR FAN 2    "      L                        =
P380    = "HMI COMMS FAIL   "      L                        =
P384    = "EXCITER FAILURE  "      L                        =
P388    = "THERMAL OVERLOAD"       L                        =
P392    = "SPEED REF FAIL   "      L                        =
P396    = "GATE PSU FAULT   "      L                        =
P400    = "DIAG HDLC CARD   "      L                        =
P404    = "DIAG IP DATA FLT"       L                        =
P408    = "DIAG OPTIC LINK  "      L                        =
P412    = "SURGE CCT FUSE   "      L                        =
P416    = "S1 O/C RIDETHRO  "      L                        =
P420    = "M1 O/C RIDETHRO  "      L                        =
P424    = "PARITY RIDETHRO  "      L                        =
P428    = "XFMR A PHASE O/T"       L                        =
P432    = "XFMR B PHASE O/T"       L                        =
P436    = "XFMR C PHASE O/T"       L                        =
P440    = "HIGH SIGMA TEMP  "      L                        =
P444    = "RES LEVEL LOW    "      L                        =
P448    = "LOW FLOW         "      L                        =
P452    = "HI CONDUCTIVITY  "      L                        =
P456    = "HI TEMPERATURE   "      L                        =
P460    = "H2O IN DRIP PAN  "      L                        =
P464    = "COOL PUMP 1 O/L  "      L                        =
P468    = "COOL PUMP 2 O/L  "      L                        =
P472    = "NO COND/TEMP SIG"       L                        =
P476    = "PUMP 1 ALARM     "      L                        =
P480    = "PUMP 2 ALARM     "      L                        =
;-----------------DIAGNOSTIC FAULT MESSAGE TEXT STRINGS-----------------
P600    = "S ARM 01 DEV  F "       L                        =
P604    = "S ARM 01 DEV  1 "       L                        =
P608    = "S ARM 02 DEV  F "       L                        =
P612    = "S ARM 02 DEV  1 "       L                        =
P616    = "S ARM 03 DEV  F "       L                        =
P620    = "S ARM 03 DEV  1 "       L                        =
P624    = "S ARM 04 DEV  F "       L                        =
P628    = "S ARM 04 DEV  1 "       L                        =
P632    = "S ARM 05 DEV  F "       L                        =
P636    = "S ARM 05 DEV  1 "       L                        =
P640    = "S ARM 06 DEV  F "       L                        =
P644    = "S ARM 06 DEV  1 "       L                        =
P648    = "M ARM 01 DEV  F "       L                        =
P652    = "M ARM 01 DEV  1 "       L                        =
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P656    = "M ARM 02 DEV  F "      L                        =
P660    = "M ARM 02 DEV  1 "      L                        =
P664    = "M ARM 03 DEV  F "      L                        =
P668    = "M ARM 03 DEV  1 "      L                        =
P672    = "M ARM 04 DEV  F "      L                        =
P676    = "M ARM 04 DEV  1 "      L                        =
P680    = "M ARM 05 DEV  F "      L                        =
P684    = "M ARM 05 DEV  1 "      L                        =
P688    = "M ARM 06 DEV  F "      L                        =
P692    = "M ARM 06 DEV  1 "      L                        =
P696    = "                 "     L                        =
P700    = "                 "     L                        =
P704    = "                 "     L                        =
P708    = "                 "     L                        =
P712    = "                 "     L                        =
P716    = "                 "     L                        =
P720    = "                 "     L                        =
P724    = "                 "     L                        =
P728    = "                 "     L                        =
P732    = "                 "     L                        =
P736    = "                 "     L                        =
;---------SERIAL LINK 1 CONFIGURATION-------------------------------------
P800    = 1                       L     ESP LINK ADDRESS = 1
P801    = 1                       L     PARTNERS         = 1
P802    = 6                       L     BAUD RATE 38400  = 6
P803    = 1                       L     SLINK PARITY     = 1
P804    = 0                       L     NOT USED         = 0
P805    = -4                      L     DATA-TABLE EXCHG = -4
;---------SERIAL LINK 2 CONFIGURATION-------------------------------------
P810    = 1                       L                      = 1
P811    = 1                       L                      = 1
P812    = 5                       L                      = 5
P813    = 0                       L                      = 0
P814    = 0                       L                      = 0
P815    = -1                      L                      = -1

;------------VARIOUS LIMITS-----------------------------------------------
W1      = 3000                    L     EX REF LO LIMIT  = 3000
W2      = 16383                   L     EX REF HI LIMIT  = 16383
W4      = 0                       L     N F/B LO LIMIT   = 0
W5      = 32767                   L     N F/B HI LIMIT   = 32767
;----------VARIOUS PRESET VALUES----------------------------------------
W17     = 115.00                  L     STR O/VOLT LEVEL = 115.00 %
W18     = 102.20                  L     O/SPEED LEVEL    = 102.20 %
W19     = 0.00                    L     V/F REFERENCE    = 0.00 %
W22     = 140.00                  L     O/FLUX TRIP LVL  = 140.00 %
W23     = 10.00                   L     U/FLUX TRIP LVL  = 10.00 %
W27     = 9.00                    L     SLOW SPEED LEVEL = 9.00 %
W28     = 35000                   L     STRT FAIL TIMER  = 35000 ms
;------------SUPPLY MONITORING LEVELS + TIMERS-----------------------------
W30     = 2000                    L     SURGE CCT FAIL   = 2000 ms
W31     = 150.00                  L     SPLY HV TR LEVEL = 150.00 %
W32     = 100                     L     SPLY HV TR TIMER = 100 ms
;------------INVERTER MONITORING LEVELS + TIMERS---------------------------
W33     = 40.00                   L     INV LV TR LEVEL  = 40.00 %
W34     = 1000                    L     INV LV TR TIMER  = 1000 ms
W35     = 60.00                   L     INV HV TR LEVEL  = 60.00 %
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W36     = 100                       L     INV HV TR TIMER  = 100 ms
W37     = 105.00                    L     INV HIFREQ LEVEL = 105.00 %
W38     = 200                       L     INV HIFREQ TIMER = 200 ms
;------------MISCELANEOUS TIMERS-----------------------------------------
W39     = 2000                      L     DEL UPON PLS REL = 2000 ms
W40     = 4000                      L     MIN EXC CURRENT  = 4000
W41     = 10000                     L     GND FLT DELAY    = 10000 ms

;-----------SIGMA CORE BOARD TEMPERATURE CALCULATION PARAMETERS-------------
W51     = 5000                      L     TEMP LINC 1 MULT = 5000
W52     = 1024                      L     TEMP LINC 1 DIV  = 1024
W53     = 0                         L     TEMP LINC 1 OFF  = 0
W55     = 9000                      L     TEMP LINC 2 MULT = 9000
W56     = 1575                      L     TEMP LINC 2 DIV  = 1575
W57     = 3200                      L     TEMP LINC 2 OFF  = 3200
W58     = 12200                     L     TEMP ALARM LEVEL = 12200
;-----------V/F THRESHOLDS----------------------------------------------
W111    = 8.00                      L     V/F THRESH HI    = 8.00 %
W112    = 6.00                      L     V/F THRESH LO    = 6.00 %
W120    = 2.00                      L     ZERO SPEED       = 2.00 %
;-----------NORMAL/CRITICAL SPEEDS SETTINGS-----------------------------
W151    = 0                         L     CRT SPD1 DEADBND = 0
W152    = 0                         L     CRT SPD2 OFFSET  = 0
W153    = 0                         L     CRITICAL SPD 1   = 0
W155    = 0                         L     CRT SPD2 DEADBND = 0
W156    = 0                         L     CRT SPD2 OFFSEF  = 0
W157    = 0                         L     CRITICAL SPD 2   = 0
W166    = 100.00                    L     SPD REF UPR LIM  = 100.00 %
;-----------ANALOG INPUT C5 SCALING-------------------------------------
W191    = 1200                      L     UPS MULT         = 1200
W192    = 6280                      L     UPS DIV          = 6280
W193    = 0                         L     UPS OFFSET       = 0
;-----------ANALOG INPUT C16 SACALING-----------------------------------
W195    = 2000                      L     COND MULT        = 2000
W196    = 26200                     L     COND DIV         = 26200
W197    = -500                      L     COND OFFSET      = -500
;-----------ACCELERATION/DECELERATION LEVELS + RATES----------------------
W204    = 10                       S      MODE2 ACCEL LVL  = 10 %
W205    = 1.0                      S      MODE1 ACCEL RATE = 1.0 %/s
W206    = 2.0                      S      MODE2 ACCEL RATE = 2.0 %/s
W207    = 2.0                      S      DECEL RATE       = 2.0 %/s
;-----------SKIP BANDS--------------------------------------------------
W208    = 5                         L     SKIP BAND ACCEL1 = 5 %/s
W209    = 5                         L     SKIP BAND ACCEL2 = 5 %/s
W212    = 200.00                    L     SKIP 1 LO        = 200.00 %
W213    = 0.00                      L     SKIP 1 HI        = 0.00 %
W214    = 200.00                    L     SKIP 2 LO        = 200.00 %
W215    = 0                         L     SKIP 2 HI        = 0 %
;---------------CURRENT LIMITS + I2T LIMITS---------------------------------
W218    = 90.00                     L     6 PLSE I2T LIM   = 90.00 %
W219    = 87.00                     L     12 PLSE I2T LIM  = 87.00 %
W221    = 83.80                     L     6 PLSE I LIMIT   = 83.80 %
W222    = 73.50                     L     12 PLSE I LIMIT  = 73.50 %
;--------------SUPPLY MONITORING ALARMS------------------------------------
W304    = 85.00                     L     LO SUPLV AL L SP = 85.00 %
W305    = 88.00                     L     LO SUPLV AL H SP = 88.00 %
W306    = 200                       L     LO SUPLV AL TIME = 200 ms
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W307    = 108.00                    L     HI SUPLV AL L SP = 108.00 %
W308    = 110.00                    L     HI SUPLV AL H SP = 110.00 %
W309    = 100                       L     HI SUPLV AL TIME = 100 ms
;--------------FAULT TIMERS-----------------------------------------------
W310    = 1000                      L     PROT HLY TMR     = 1000 ms
W311    = 1                         L     ENC TRIP TIMER   = 1 ms
W312    = 1                         L     ENC ALRM TIMER   = 1 ms
W313    = 5000                      L     RUN TIMER 1      = 5000 ms
W314    = 1000                      L     OVRSPD TRP TMR   = 1000 ms
W315    = 30000                     L     PHREF LOSS TMR   = 30000 ms
W316    = 300                       L     ZCREF LOSS TMR   = 300 ms
W317    = 2000                      L     HDLC FAIL TMR    = 2000 ms
W326    = 1.00                      L     ZERO SPEED LIM   = 1.00 %
W327    = 9.43                      L     TG SPEED LIM     = 9.43 %
W328    = 16.25                     L     MIN SPEED LIM    = 16.25 %
W329    = 9.96                      L     TG MIN SPEED     = 9.96 %
W330    = 16.25                     L     RUN MIN SPEED    = 16.25 %
W334    = 0.00                      L     A IREF LO LIM    = 0.00 %
W335    = 200.00                    L     A IREF HI LIM    = 200.00 %
W336    = 1000                      L     RUN TIMER 2      = 1000 ms
W337    = 80.00                     L     MODE 1 ILIM      = 80.00 %
W349    = 1000                      L     UNDR FLUX TMR    = 1000 ms
W350    = 1000                      L     OVER FLUX TMR    = 1000 ms
W351    = 5000                      L     OVER VOLT TMR    = 5000 ms
W353    = 2000                      L     TQ REF FAIL TIME = 2000 ms
W355    = 5000                      L     CT PARITY TIMER  = 5000 ms
;-------------ANALOG I/P C6 SCALING---------------------------------------
W361    = 8                         L     ANLG I/P C6 MUL  = 8
W362    = 9                         L     ANLG I/P C6 DIV  = 9
W363    = -14564                    L     ANLG I/P C6 OFS  = -14564
;-------------ANALOG I/P C7 SCALING---------------------------------------
W365    = 1                         L     ANLG I/P C7 MUL  = 1
W366    = 1                         L     ANLG I/P C7 DIV  = 1
W367    = 1                         L     ANLG I/P C7 OFS  = 1
;-------------ANALOG I/P C8 SCALING---------------------------------------
W369    = 1                         L     ANLG I/P C8 MUL  = 1
W370    = 1                         L     ANLG I/P C8 DIV  = 1
W371    = 1                         L     ANLG I/P C8 OFS  = 1
;-------------ANALOG I/P C14 SCALER---------------------------------------
W401    = 8428                      L     ANLG I/P C14 MUL = 8428
W402    = 26201                     L     ANLG I/P C14 DIV = 26201
W403    = -535                      L     ANLG I/P C14 OFS = -535
;-------------ANALOG I/P C15 SCALER---------------------------------------
W406    = 32767                     L     ANLG I/P C15 MUL = 32767
W407    = 10000                     L     ANLG I/P C15 DIV = 10000
W408    = 0                         L     ANLG I/P C15 OFS = 0
;-------------ANALOG I/P C16 SCALER---------------------------------------
W411    = 10000                     L     ANLG I/P C16 MUL = 10000
W412    = 32752                     L     ANLG I/P C16 DIV = 32752
W413    = 0                         L     ANLG I/P C16 OFS = 0
;------------ANALOG I/P C17 SCALAR----------------------------------------
W416    = 10000                     L     ANLG I/P C17 MUL = 10000
W417    = 32752                     L     ANLG I/P C17 DIV = 32752
W418    = 0                         L     ANLG I/P C17 OFS = 0
;------------ANALOG O/P D0 SCALER----------------------------------------
W421    = 32767                     L     ANLG O/P D0 MUL  = 32767
W422    = 20000                     L     ANLG O/P D0 DIV  = 20000
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W423    = 0                         L     ANLG O/P D0 OFS  = 0
;------------ANALOG O/P D1 SCALER-----------------------------------------
W426    = 9050                      L     ANLG O/P D1 MUL  = 9050
W427    = 8000                      L     ANLG O/P D1 DIV  = 8000
W428    = 16460                     L     ANLG O/P D1 OFS  = 16460
;------------ANALOG O/P D2 SCALER-----------------------------------------
W431    = 32767                     L     ANLG O/P D2 MUL  = 32767
W432    = 10000                     L     ANLG O/P D2 DIV  = 10000
W433    = 0                         L     ANLG O/P D2 OFS  = 0
;------------ANALOG O/P D3 SCALER-----------------------------------------
W436    = 32767                     L     ANLG O/P D3 MUL  = 32767
W437    = 10000                     L     ANLG O/P D3 DIV  = 10000
W438    = 0                         L     ANLG O/P D3 OFS  = 0
;------------ANALOG O/P D4 SCALER-----------------------------------------
W441    = 32752                     L     ANLG O/P D4 MUL  = 32752
W442    = 8428                      L     ANLG O/P D4 MUL  = 8428
W443    = -6108                     L     ANLG O/P D4 OFS  = -6108
;------------ANALOG O/P D5 SCALER-----------------------------------------
W446    = 28049                     L     ANLG O/P D5 MUL  = 28049
W447    = 10000                     L     ANLG O/P D5 DIV  = 10000
W448    = 0                         L     ANLG O/P D5 OFS  = 0
;------------ANALOG O/P D6 SCALER-----------------------------------------
W451    = 26660                     L     ANLG O/P D6 MUL  = 26660
W452    = 10000                     L     ANLG O/P D6 DIV  = 10000
W453    = 0                         L     ANLG O/P D6 OFS  = 0
;------------ANALOG O/P D7 SCALER-----------------------------------------
W456    = 32767                     L     ANLG O/P D7 MUL  = 32767
W457    = 10428                     L     ANLG O/P D7 DIV  = 10428
W458    = 0                         L     ANLG O/P D7 OFS  = 0
;------------MISCELANEOUS-------------------------------------------------
W461    = 0                         L     MIN HMI N REF    = 0
W462    = 10000                     L     MAX HMI N REF    = 10000
W464    = 50                        L     SPD REG DLY      = 50 ms
W465    = 2.0                       L     RATE 2 DECEL     = 2.0 %/s
W488    = -250                      L     -VE BETA RATE    = -250
W489    = 250                       L     + BETA RATE      = 250
W491    = 1                         L     HMI HP MULT      = 1
W492    = 100                       L     HMI HP DIV       = 100
W493    = 0                         L     HMI HP OFFSET    = 0
W504    = 15                        L     RAMP ADDER       = 15
W506    = 0                         L     PSET MIN LIMIT   = 0
W507    = W337                      L     PSET MAX LIMIT   = MODE 1 ILIM
W510    = 8.00                      L     HI FREQ FOR NCOM = 8.00 %
W511    = 6.00                      L     LO FREQ FOR NCOM = 6.00 %
W520    = G269                      L     HMI DC VOLTS M   = FILTERED SUPP V
W521    = 10000                     L     HMI DC VOLTS D   = 10000
W522    = 0                         L     HMI DC VOLTS OFF = 0
W524    = 5251                      L     HMI DC VOLTS M1  = 5251
W525    = 10000                     L     HMI DC VOLTS D1  = 10000
W526    = 0                         L     HMI DC VOLTS O1  = 0
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