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0273 DATA FATAL_ERROR('346'0)/'FATAL SLAVE ERROR*'/
0274 DATA FATAL_ERROR('347'0)/'FAST PATH DATA ERRORS*'/
0275 DATA FATAL_ERROR('350'0)/'FIFO DATA ERROR*'/
0276 DATA FATAL_ERROR('351'0)/'ILLEGAL FATAL ERROR CODE*'/
0277
0278
0279 CHARACTER*33 START_ERROR('300'0:'327'0)
0280 DATA START_ERROR('300'0)/'NO ROOM FOR REQUEST*'/
0281 DATA START_ERROR('301'0)/'GO BIT SET WITH ''READY IN'' SET*'/
0282 DATA START_ERROR('302'0)/'MULTI-USER REQ IN DEDICATED MODE*'/
0283 DATA START_ERROR('303'0)/'ILLEGAL ''START ERROR'' CODE*'/
0284 DATA START_ERROR('304'0)/'DEDICATED REQ IN MULTI-USER MODE*'/
0285 DATA START_ERROR('305'0)/'ILLEGAL ''START ERROR'' CODE*'/
0286 DATA START_ERROR('306'0)/'START REQUEST WITHOUT INITIALIZE*'/
0287 DATA START_ERROR('307'0)/'ILLEGAL ''START ERROR'' CODE*'/
0288 DATA START_ERROR('310'0)/'MULTIPLE INITIALIZE COMMAND*'/
0289 DATA START_ERROR('311'0)/'ILLEGAL ''START ERROR'' CODE*'/
0290 DATA START_ERROR('312'0)/'STOP COMMAND AND USER NOT ACTIVE*'/
0291 DATA START_ERROR('313'0)/'ILLEGAL ''START ERROR'' CODE*'/
0292 DATA START_ERROR('314'0)/'ODD REQUEST DESCRIPTOR ARRAY ADDR*'/
0293 DATA START_ERROR('315'0)/'ILLEGAL ''START ERROR'' CODE*'/
0294 DATA START_ERROR('316'0)/'INITIALIZE WITH IMPROPER VERSION*'/
0295 DATA START_ERROR('317'0)/'ILLEGAL ''START ERROR'' CODE*'/
0296 DATA START_ERROR('320'0)/'DEVICE NOT PRESENT*'/
0297 DATA START_ERROR('321'0)/'ILLEGAL ''START ERROR'' CODE*'/
0298 DATA START_ERROR('322'0)/'ILLEGAL FUNCTION*'/
0299 DATA START_ERROR('323'0)/'ILLEGAL FUNCTION*'/
0300 DATA START_ERROR('324'0)/'REQUEST DESCRIPTOR ARRAY NXM*'/
0301 DATA START_ERROR('325'0)/'BUFFER/USER STATUS WORD ODD ADDR*'/
0302 DATA START_ERROR('326'0)/'DEVICE NOT PRESENT ON I/O BUS*'/
0303 DATA START_ERROR('327'0)/'XFER COUNT LESS THAN 256 WORDS*'/
0304
0305 CHARACTER*33 USER_ERROR('240'0:'261'0)
0306 DATA USER_ERROR('240'0)/'NON-FATAL ERROR COUNT EXCEEDED*'/
0307 DATA USER_ERROR('241'0)/'ERROR STATUS OVER-RUN*'/
0308 DATA USER_ERROR('242'0)/'RANDOM CHANNEL LIST NXM*'/
0309 DATA USER_ERROR('243'0)/'BUFFER OVER/UNDER -RUN*'/
0310 DATA USER_ERROR('244'0)/'BUFFER NXM*'/
0311 DATA USER_ERROR('245'0)/'USER STATUS WORD NXM*'/
0312 DATA USER_ERROR('246'0)/'USER STATUS WORD INV BUFR INDEX*'/
0313 DATA USER_ERROR('247'0)/'MASTER FIFO 7/8 FULL*'/
0314 DATA USER_ERROR('250'0)/'REQ TERM BY USER STAT WORD*'/
0315 DATA USER_ERROR('251'0)/'NO FIRMWARE FIFO BUFFER*'/
0316 DATA USER_ERROR('252'0)/'SLAVE FIFO 7/8 FULL*'/
0317 DATA USER_ERROR('253'0)/'RANDOM CHANNEL ADDRESS UNDER-RUN*'/
0318 DATA USER_ERROR('254'0)/'DATA UNDER-RUN*'/
0319 DATA USER_ERROR('255'0)/'CHANNEL/DEVICE NON-EXISTENT*'/
0320 DATA USER_ERROR('256'0)/'ILLEGAL ''USER ERROR'' CODE*'/
0321 DATA USER_ERROR('257'0)/'ILLEGAL ''USER ERROR'' CODE*'/
0322 DATA USER_ERROR('260'0)/'MULT EXT TRIG DIGITAL OUTPUT REQ*'/
0323 DATA USER_ERROR('261'0)/'ILLEGAL ''USER ERROR'' CODE*'/
0324
0325 CHARACTER*33 STATUS_RETURN(0:3)
0326 DATA STATUS_RETURN(0)/'SUCCESSFUL INITIALIZED DATA XFER*'/
0327 DATA STATUS_RETURN(1)/'BUFFER FULL*'/
0328 DATA STATUS_RETURN(2)/'NON-FATAL BUFFER OVER-RUN*'/
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0330 DATA STATUS_RETURN(3)/'ILLEGAL 'STATUS RETURN' CODE*'/
0331
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0334
0335 CALL FRCTOF (LUN)
0336 call dhead1 (lun,'UBA LPA11K')
0337
0338 CALL LINCHK (LUN,2)
0339
10 0340 WRITE(LUN,10) CNTRL_MAINT
0341 FORMAT(/' ',T8,'LA (S1',T24,Z8.4)
0342
0343 CALL OUTPUT (LUN,CNTRL_MAINT,V1CNTRL_MAINT,0,0,0,'0')
0344
0345 DO 20,I = 2,3
0346
0347 FIELD = LIB$EXTZV(1,1,CNTRL_MAINT)
0348
0349 IF (FIELD .NE. 0) THEN
0350
0351 CALL LINCHK (LUN,1)
0352
0353 WRITE(LUN,15) I + 14
15 0354 FORMAT(' ',T40,'EXTENDED BUS ADDRESS BIT ',I2,'.')
0355 ENDF
0356
20 0357 CONTINUE
0358
0359 CALL OUTPUT (LUN,CNTRL_MAINT,V2CNTRL_MAINT,6,6,11,'0')
0360
0361 CALL OUTPUT (LUN,CNTRL_MAINT,V3CNTRL_MAINT,13,13,15,'0')
0362
0363 CALL LINCHK (LUN,1)
0364
0365 WRITE(LUN,25) CNTRL_STATUS
25 0366 FORMAT(' ',T8,'LA (S2',T24,Z8.4)
0367
0368 FIELD = LIB$EXTZV(8,8,CNTRL_STATUS)
0369
0370 IF (FIELD .LT. '300'0) THEN
0371
0372 FIELD = LIB$EXTZV(0,3,CNTRL_STATUS)
0373
0374 CALL LINCHK (LUN,1)
0375
0376 WRITE(LUN,30) FIELD
30 0377 FORMAT(' ',T40,'USER INDEX = ',I1,'.')
0378 ENDF
0379
0380 CALL OUTPUT (LUN,CNTRL_STATUS,V1CNTRL_STATUS,6,6,7,'0')
0381
0382 FIELD = LIB$EXTZV(8,8,CNTRL_STATUS)
0383
0384 IF (FIELD .NE. 0) THEN
0385
0386 CALL LINCHK (LUN,1)

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0444
0445     ELSE IF (MAINTENANCE(1) .EQ. '201'0) THEN
0446
0447     CALL LINCHK (LUN,1)
0448
0449     WRITE(LUN,130)
0450 130   FORMAT(' ',T40,'KW11-K CLOCK A OVER-RUN')
0451     ENDIF
0452
0453     CALL LINCHK (LUN,1)
0454
0455     WRITE(LUN,135) MAINTENANCE(1)
0456 135   FORMAT(' ',T40,'SLAVE FIRMWARE SEQ = ',.03,' (OCTAL)')
0457
0458     ELSE IF (FIELD .EQ. '347'0) THEN
0459
0460     CALL LINCHK (LUN,2)
0461
0462     WRITE(LUN,140) (MAINTENANCE(I),I = 0,1)
0463 140   FORMAT(' ',T40,'RETURNED VALUE = ',.03,' (OCTAL)',/
0464       1 T40,'EXPECTED VALUE = ',.03,' (OCTAL)')
0465
0466     ELSE IF (FIELD .EQ. '350'0) THEN
0467
0468     CALL LINCHK (LUN,2)
0469
0470     WRITE(LUN,150) (MAINTENANCE(I),I = 0,1)
0471 150   FORMAT(' ',T40,'RETURNED VALUE = ',.03,' (OCTAL)',/
0472       1 T40,'EXPECTED VALUE = ',.03,' (OCTAL)')
0473
0474     ELSE IF (FIELD .EQ. '322'0) THEN
0475
0476     CALL LINCHK (LUN,1)
0477
0478     WRITE(LUN,155) (MAINTENANCE(I),I = 1,0,-1)
0479 155   FORMAT(' ',T40,'ADDR OF MISSING DEV = ',.06)
0480     ENDIF
0481
0482     if (emb$w_hd_entry .ne. 98) then
0483
0484     if (ubareg(1) .ne. 0) then
0485
0486     call uba_datapath (lun,ubareg(1),ubareg(2))
0487     endif
0488     endif
0489
0490     call linchk (lun,1)
0491
0492     write(lun,160)
0493 160   format(' ',:)
0494
0495     call ucbl_char (lun,emb$l_dv_char)
0496
0497     call ucbsw_sts (lun,emb$w_dv_sts)
0498
0499     call ucbl_opcnt (lun,emb$l_dv_opcnt)
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