


```

    Call    ExtPush_Vector ;save state

    Tm     DiskStat,*Wr_Op
    Jr     Z,Data_Ex_RdErr

    Ld     !r0,*3 ;load status byte 3
    Ld     !r1,WrErrCnt
    Call   SetStatus
    Jr     Data_Ex_Case

Data_Ex_RdErr: Call   SS_ReadErr

Data_Ex_Case:  Ld     !r2,*.HIBYTE. Set_SseekNeeded
               Ld     !r3,*.LOWBYTE. Set_SseekNeeded
               Call   Bank_Call ;update cache on next Pro/Sys command

               Pop    !r1 ;get error code back
               And    !r1,*$7F ;mask off error flag
               Tm     !r1,*01 ;see if error code is odd
               Jr     Nz,Data_Ex_Abort
               Cp     !r1,*Ex_Case_Max ;bounds check
               Jr     Le,Data_Ex_Cmdnd

Data_Ex_Abort: Call   Abort

Data_Ex_Cmdnd: Ld     !r2,*.HIBYTE. Ex_Jp_Tbl
               Ld     !r3,*.LOWBYTE. Ex_Jp_Tbl
               Add    !r3,!r1 ;add offset
               Adc    !r2,*0
               Ldc    !rE,@!!r2 ;get routine to execute
               Incw   !!r2
               Ldc    !rF,@!!r2
               Jp     @!rE ;go to routine

Ex_Jp_Tbl:    .DW    X_Undeter
               .DW    X_Spare
               .DW    X_BadBlock
               .DW    X_ReadErr
               .DW    X_HdrBadBlock
               .DW    X_HdrSpare

X_Undeter:    Call   SS_OpFail
               Jr     Except_Return

X_Spare:      Ld     !rA,*Spare
X_Spr_Call:   Call   SprBlock
               Jr     Except_Return

X_BadBlock:   Ld     !r4,*4 ;retry 4 times
X_BB_Lp:     Push   !r4
               Call   Bad_Recover
               Pop    !r4
               Jr     Nz,X_Spare
               Djnz  !r4,X_BB_Lp

               Call   SS_OpFail
               Ld     !rA,*BadBlock
               Jr     X_Spr_Call

X_ReadErr:    Call   SS_ReadErr
               Ld     !r2,*.HIBYTE. Buf2_To_RBuf
               Ld     !r3,*.LOWBYTE. Buf2_To_RBuf
               Call   Bank_Call

```



```

                Cp    !r0,*Error+Ex_BadBlock
                Jr    Z,Bad_Rc_Ecc

                Cp    !r0,*Error+Ex_SprBlock
                Jr    Z,Bad_Rc_Spr

Bad_Rc_Set:    Ld    !r0,#0
                Or    !r0,!r0
                Jr    Bad_Rcvr_Ret

Bad_Rc_Spr:   Ld    !r0,#1
                Jr    Bad_Rc_Set

Bad_Rc_Ecc:   Ld    !r2,*.HIBYTE.Ecc
                Ld    !r3,*.LOWBYTE.Ecc
                Call Bank_Call

Bad_Rcvr_Ret: Ret

.LSTOFF

```