```
          IDENT     X1210
*
*  TEST PRØGRAM MØVING HEAD DISC X1210
*
*         INITIALISATIØN
*
          INH
START     LDK       A2,/0003            SEEK TØ ZERØ
          LDK       A3,/000E            SEEK + 1
          LDK       A4,/0001            WRITE
          LDK       A5,/0000            READ
          LDKL      A6,202              SEEK CØUNTER
          LDK       A7,32               SECTØR CØUNTER
*
*         MULTIPLEX INITIALISATIØN (WRITE)
*
          LDKL      A11,/1000           SECØND MULTIPLEX WØRD
          ST        A11,/008A
*
*         INITIALISATIØN ØF WRITE BUFFER
*
          LDKL      A14,/1000
          LDKL      A12,/AAAA           WRITE DATA
          LDKL      A13,/0E5C           BEGIN ØF BUFFER
*
*
STRWB     STR       A12,A13
          ADKL      A13,2
          CWR       A13,A14
          RB(5)     STRWB
FLAGW     LDKL      A8,/0000            SET WRITE FLAG
*
*         SEEK ZERØ, SEEK AND WRITE CØMMAND
*
TSEKØ     LDKL      A12,/0400           STØRE STATUS
          CIØ       A2,1,02             SEEK TØ ZERØ
SST1      SST       A1,02
          RB(4)     SST1
          CWR       A1,A12              CØMPARE STATUS
          RF(0)     TSFLW
          HLT
TSFLW     LDK       A4,/0001
          LDK       A5,/0000
          LDR       A9,A8               TEST WRITE FLAG
          RF(0)     STATW
          RF(7)     STATR
STATW     LDKL      A12,/0000           STØRE STATUS
          LDK       A7,32
CIØWT     LDKL      A10,/0E5C           FIRST MULTIPLEX WØRD
          ST        A10,/0088
          CIØ       A4,1,02             WRITE
SST2      SST       A1,02
          RB(4)     SST2
*
          CWR       A1,A12              CØMPARE STATUS
          RF(0)     TSSTNB
          HLT
TSSTNB    ADK       A4,4
          SUK       A7,1                UPDATE SECTØR CØUNTER
          RB(4)     CIØWT
          SUK       A6,1                UPDATE CILINDER CØUNTER
          RF(4)     STATSK
          RF(7)     FLAGRD
STATSK    LDKL      A12,/0400           STØRE STATUS
          CIØ       A3,1,02             SEEK + 1
SST3      SST       A1,02
          RB(4)     SST3
          CWR       A1,A12
          RB(0)     TSFLW
          HLT
FLAGRD    LDKL      A8,/0001            SET READ FLAG
          LDKL      A11,/2000           SECØND MULTIPLEX WØRD
          ST        A11,/008A
          LDKL      A6,202              SEEK CØUNTER
          RB(7)     STSEKØ
STATR     LDKL      A12,/0000           STØRE STATUS
*
*         INITIALISATIØN ØF CØUNTERS
*
          LDK       A7,32               SECTØR CØUNTER
*
*         MULTIPLEX INITIALISATIØN (READ)
*
READ      LDKL      A10,/4E5C           FIRST MULTIPLEX WØRD
          ST        A10,/0088
*
*         READ WITH CØMPARE
*
          CIØ       A5,1,02             READ
SST4      SST       A1,02
          RB(4)     SST4
          CWR       A1,A12              CØMPARE STATUS
          RF(0)     CMPBUF
          HLT
CMPBUF    LDKL      A14,/2000
          LDKL      A13,/AAAA
          LDKL      A10,/1E5C
IMADR     ADKL      A10,2
          ST        A10,/3000
*
*
          LD*       A11,/3000
          CWR       A11,A13
          RF(0)     ENDCP
          HLT
ENDCP     CWR       A10,A14
          RB(4)     IMADR
          ADK       A5,4
          SUK       A7,1
          RB(4)     READ
          SUK       A6,1
          RB(4)     STATSK
          RB(7)     START
          END       START
:EØF


$END
```