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DECUS NO.	12-134
TITLE	RWDF32
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SOURCE LANGUAGE	SABR

ATTENTION

ABSTRACT
****

THIS FORTRAN AND SABR CALLABLE PROGRAM ALLOWS BLOCKED INPUT
AND OUTPUT FROM DF32 DISKS WHERE THE BLOCK SIZE
IS A PARAMETER.

USAGE
*****

SINCE THE DF32 IS ADDRESS ORIENTED RATHER THAN BLOCK ORIENTED,
IT IS OFTEN DESIRABLE TO WRITE INFORMATION IS UNUSUAL
BLOCK SIZES.

        CALL RDF32(ADD, IBLKSZ, IBLK)
        CALL WDF32(ADD, IBLKSZ, IBLK)

RDF32 READS FROM THE DISK AND WDF32 WRITES TO THE DISK.

ADD IS THE STARTING MEMORY ADDRESS FOR THE TRANSFER,
IBLKSZ IS THE BLOCK SIZE,
AND IBLK IS THE BLOCK NUMBER USING BLOCK SIZE IBLKSZ.

NOTE: CURRENTLY, THE ROUTINE IS WRITTEN FOR 2 DF32 DISKS. TO
CHANGE THIS , SEE COMMENTS AT MPLT.

ERROR MESSAGE
***** *******
DF32 ERROR AT LOC XXXX

THIS MESSAGE IS GENERATED WHEN THE READ OR WRITE WOULD
BE TO AN ADDRESS WHICH IS TOO LARGE FOR THE DISK AVAILABLE.
EXECUTION TERMINATES, AND CONTROL RETURNS TO THE KEYBOARD MONITOR.

NOTE: THIS ROUTINE REQUIRES 1 PAGE OF MEMORY WHEN LOADED.