TO: Distribution
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SUBJECT: GENTRAN

There now exists in SUNDANCE Fixed-Fixed a general bloc transfer routine known as GENTRAN. Its calling sequence is as follows:

\[
\begin{array}{ccc}
\text{m-1} & \text{CA} & \text{n-1} \\
\text{m} & \text{TC} & \text{GENTRAN} \\
\text{m+1} & \text{ADRES} & \text{Bloc 1} \\
\text{m+2} & \text{ADRES} & \text{Bloc 2} \\
\text{m+3} & \text{return here} & \\
\end{array}
\]

Thus called, GENTRAN will duplicate a bloc of \( n \) consecutive erasables, beginning at Bloc 1, in the bloc of \( n \) consecutive erasables beginning at Bloc 2. For instance, to move RN1 to RN:

\[
\begin{align*}
\text{CA} & \quad \text{FIVE} \\
\text{TC} & \quad \text{GENTRAN} \\
\text{ADRES} & \quad \text{RN1} \\
\text{ADRES} & \quad \text{RN}
\end{align*}
\]

GENTRAN destroys MPAC +4, MPAC +5, and MPAC +6. Since it cannot transfer erasables from one switched EBANK to another switched EBANK, it will not necessarily work where GENADRs or REMADRs are used instead of ADRESes.