IV.

PROCESSING METHODS

A. Processing Sequence

Complete flow diagrams for preliminary (100%) and final (2400%) processing are shown on Plates 1 and 2.

B. Translation and Vertical Stack

The initial phase of processing accomplished the following:-

1. Transcribed the data to TIAC format.

2. Performed a vertical stack of two input records, thus reducing the 48-fold data to 24-fold vertically stacked data for all lines except Line M60T. Line M60T was vertically stacked using four input records, thus being reduced to 12-fold vertically stacked data.

All lines were transcribed and vertically stacked to a record time of 4.254 seconds at a sample rate of two milliseconds.

The resultant vertically stacked data in TIAC format was used as input data for all subsequent processing.

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