PACKED CARD

THE PACKED CARDS ARE LAYED OUT AS SHOWN IN THE FOLLOWING EXAMPLE

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COLUMNS
0         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890

L072121,001001,001001,0010011001INITIAL ERROR LATCHES FAILED OR CARRIAGEXXXXX 03
L067156¤122122,141148,1531571001 DID NOT GO TO FOURM140299B157EB‡01     XXXXX 04
L036160,161161,161161,1611611001.‡07                                    XXXXX 05
L067367,340344,348349,3573611001,008012,0011001183610B0AB421/340080     XXXXX 06
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COLS.	1- 7	LOAD INSTRUCTION FOR CARD COLUMNS 33 THROUGH 72
COLS.	8-14	SET WM INSTRUCTION OR CLEAR WM INSTRUCTION
COLS	15-21	SET WM INSTRUCTION
COLS.	22-28	SET WM INSTRUCTION
COLS.	29-32	CARD FEED INSTRUCTION WHEN LOADING FROM CARDS
COLS.	33-72	INSTRUCTIONS OR PRINT OUT COMMENTS OR CONSTANTS FOR PROGRAM
COLS.	73-76	BLOCK NUMBER
COLS.	77	BLOCK NUMBER SUFFIX
COLS.	78-80	CONSECUTIVE CARD DECK NUMBER

THE PACKED CARD CONTAINS A MAXIMUM 7 INSTRUCTIONS OR 40 CHARACTERS, WHICHEVER OCCURS FIRST. IF THE LAST WM WAS ENCOUNTERED MORE THAN 9 COLUMNS BEFORE COLUMN 72 OF THE CARD AND IF 7 INSTRUCTIONS HAD NOT BEEN ENTERED, THE INFORMATION IS TAKEN AS A COMENT. THE 40 COLUMNS ARE PACKED. THE NEXT CARD CLEARS THE WM SET BY ITS LOAD INSTRUCTION, AND THE MAXIMUM NUMBER OF INSTRUCTIONS THAT CAN BE PACKED IN THIS NEXT CARD IS REDUCED TO FOUR.

IN COLUMNS 8 THROUGH 28 OF THE PACKED CARD, THE SET WM INSTRUCTIONS GIVE WM LOCATIONS IN STORAGE. IN ADDITION, THE LEFT END OF THE LOAD ADDRESS SETS A WM WHOSE STORAGE ADDRESS IS B - A PLUS 33, WHERE A AND B REPRESENT THE FIELDS OF THE LOAD ADDRESS IN COLUMNS 1 THROUGH 7 OF THE PACKED INSTRUCTION CARD.
TO FIND THE CARD IN WHICH AN INSTRUCTION IS LOCATED, FIND THE WM LOCATION OF THE INSTRUCTION IN THE PACKED CARDS. THEN CHECK THE B FIELD OF THE LOAD ADDRESS OF THIS CARD AND OF THE FOLLOWING CARD TO FIND WHICH ONE CONTAINS THE INSTRUCTION. FINALLY, LOCATE THE INSTRUCTION BETWEEN COLUMNS 32 AND 73.