February 19, 1963

MEMORANDUM TO: Users of 1401 Autocoder System

SUBJECT: 1401 Autocoder System, Program #1401-AU-037,
Version 3, Modification Level 6

This modification letter has been prepared for distribution to all users of the 1401 Autocoder System and contains changes to Version 3, Modification Level 5 of that system. These change cards, enclosed, listed and identified below (Attachment #1) are to be inserted in the system deck as follows:

Card Number (Cols. 72-75)	Place between cards in system deck
C083-C084	C043-351
C085-C086	C050-454
C087	C055-499

Cards C083-C086 correct the tape redundancy error halts in Pass 2 and make them consistent with the documentation for 1401 Autocoder Version 3

Card C087 corrects an error where it was possible to have duplicate instructions processed when using tape input (80-character card images) to 1401 Autocoder.

The following minor restrictions or limitations are presently in effect with regard to the use of 1401 Autocoder:

1. When using the loadable tape option, signed DCW's following DSA's will not have the zone bits correctly assembled.

2. Indexing will be assembled on equated labels only as defined in the EQU statement itself. No indexing previously defined on the symbol appearing in the operand of the EQU statement will be retained.

3. When using the)00 code in the label field of of macro model statements, the label from the source program macro statement will be retained and transferred to the first model statement accepted. This transfer of label occurs, regardless of what type statement follows.

We appreciate your cooperation in making these changes. A list of the material distributed with this letter follows:

Item No.	Contents
1	5 Cards (designated as C083, C084, etc.)
2	Attachment #1 - listing of change cards
3	Attachment #2 - symbolic changes to Autocoder listing

Initial requests for this system which are filled after the date of this letter will not include the cards itemized above, as there cards are included in the system deck as corrections. However, the Autocoder listing does not include these corrections and should be corrected by the user by referring to attachment #2. Any discrepancy between the material received and the above list, as well as any errors in card reproduction should be directed to the attention of the Manager of the Program Information Department, IBM, 112 East Post Road, White Plains, New York.

Continued reporting of any difficulties encountered in using 1401 Autocoder will be appreciated.

GP Applied Programming

Attachments

cc: Branch Offices
(No attachments sent with carbons)

Attachment #1 - Listing of Change Cards

1401 Autocoder System, Program #1401-AU-037 Version 3, Modification Level 6

```
DS97U17                                 L007S86,040040,040040,0400401040C0833722L
.000262BS87.000290                      L018U28,U18U22,040040,0400401040C0843722L
DX25Y44                                 L007X14,040040,040040,0400401040C0853726L
.000262BX15.000290                      L018Y55,Y45Y49,040040,0400401040C0863726L
BO48C                                   L005762,040040,040040,0400401040C0873727L
```

Attachment #2 - Symbolic Listing Changes

1401 Autocoder System, Program #1401-AU-037 Version 3, Modification Level 6

Action	Pass/ Page#	Seq.	Pg.	Lin.	Label	Op	Operands
Change	2/7		4	19		MN	ITAPEC&3,ICHALT&10
Change	2/8		4	39		H	262
Change	2/8		4	41	IHALT	H	0,290
Change	2/34		15	11	OUTS2	BSS	HOMEXX,C
Change	2/39		17	14		MN	CTAPEC&3,CCHALT&10
Change	2/39		17	44		H	262
Change	2/39		17	46	CHALT	H	0,290