January 11, 1963

MEMORANDUM TO: Users of 1401 Autocoder System

SUBJECT: 1401 Autocoder System, Program #1401-AU-037, Version 3, Modification Level 5

This modification letter has been prepared for distribution to all users of the 1401 Autocoder System and contains changes to Version 3, Modification Level 4 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 |
|---|---|
| C081-C082 | C067-636 |

Cards C081-C082 correct an error condition where the instruction would not execute correctly on 4K and 8K processor machines.

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

1. Columns 16 through 18 of a comments card (* in col. 6) may not contain END.

2. Negative character adjustment in the A operand will not be correctly assembled if the B operand is a group mark alphameric literal.

3. When using the loadable tape output option, area definition literals (#xx) of greater than 32 positions may not be correctly assembled.

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

| Item No. | Contents |
| --- | --- |
| 1 | 2 cards (designated as C081, C082) |
| 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 5

```
D0?0MS72BO36                           L012S45,S38S42,040040,0400401040C0813734L
*"                                     L002S73,S73S73,040040,0400401040C0823734L
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Attachment #2 - Symbolic Listing Changes

1401 Autocoder System, Program #1401-AU-037 Version 3, Modification Level 5

| Action | Pass/ Page# | Seq. | Pg. | Lin. | Label | Op | Operands |
|---|---|---|---|---|---|---|---|
| Delete | 3/10 | | 4 | 414 | | MCW | @*@,000&X3-1 |
| Add | 3/10 | | 4 | 41A | | MN | 000&X3 |
| | 3/10 | | 4 | 41A | | MCW | @*@ |