December 21, 1961

MEMORANDUM TO: Users of 1401 Autocoder System

SUBJECT: 1401 Autocoder System, Program #1401-AU-037, Version 3, Modification Level 1

This modification letter has been prepared for distribution to all users of the 1401 Autocoder System and contains changes to Version 3 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
C001	0453-0454
C002	0498-0499
C003	0908-0909
C004	0908-0909

Cards C001 and C002 correct an error in handling a missing tenth parameter in macro-instructions. Cards C003 and C004 correct an error in tape handling when re-iterating the label and operand phases (passes 5 and 6). A change from read to write mode on tape 6 was accomplished without an intervening rewind.

The symbolic equivalents of the change cards are shown in Attachment #2. Use this sheet to update the listing you have obtained from the tape supplied by the Program Library.

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

Item No.	Contents
1	4 cards (designated as C001, C002, C003, C004)
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

:np

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 1

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BV35                                L004H32,040040,040040,0400401040C0013726L
AW18095BH220953LW400?0H099          L026V45,V27V35,V42V42,0400401040C0023727L
BL42                                L004K96,L76L76,040040,0400401040C0033751L
U%U6R,Z24L%U6001WN000B!04L)Z24BY13     L034L75,L47L51,L59L63,L68L721040C0043751L
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Attachment #2 - Symbolic Changes

1401 Autocoder System, Program 1401-AU-037, Version 3,
Modification Level 1

Action	Pass/ Page#	Seq.	Pg.	Lin.	Label	Op	Operands	Sfx	Ct	Loc	Instruction
Change	2/48	2175	21	41		B	LOWER	X	4	3829	B V35
Delete	2/37	1701 through 1705 (pg/lin 16/77 - 16/81)									
Add	2/37	1701	16	77	MOVEC	A	@3@,INDEX2&1	X	7	1520	A W18 095
		1702	16	78		BCE	MIDLE,INDEX2&1,3	X	8	1527	B H22 095 3
		1703	16	79	LOWER	LCA	@ @,0&X3	X	7	1535	L W40 0?0
		1704	16	80		SBR	INDEX3	X	4	1542	H 099
		1705	16	81		A	@1@,INDEX1	X	7	1546	A W41 089
Delete	5/4	259	2	29		B	CLRTAB		4	2293	B Y13
Add	5/4	259	2	29		B	SWMODE		4	2293	B L42
		*	2	461	SWMODE	RWD	COUTPT		5	2342	U %U6 R
		*	2	462		SW	ENDOFC		4	2347	, Z24
		*	2	463		WTW	COUTPT,001		8	2351	L %U6 001 W
		*	2	464		NOP	XXXX		4	2359	N 000
		*	2	465		BER	TPERR		5	2363	B !64 L
		*	2	466		CW	ENDOFC		4	2368	) Z24
		*	2	467		B	CLRTAB		4	2372	B Y13
		*	2	468		DCW	#1		1	2376	

* Sequence numbers are reassigned upon reassembly