

*STRETCH Patent
Discussions*

IBM CONFIDENTIAL

DPD HQ
March 23, 1959

Memorandum to: Mr. S. B. Behman, Pittsburgh
Mr. W. W. Clansen, Western Region
Mr. J. F. Mann, Washington Federal
Mr. W. J. Martin, Washington Federal
Mr. L. D. McEwing, Education, Poughkeepsie
Mr. O. R. Perry, Santa Monica
Mr. R. E. Pickett, Hartford
Mr. G. B. Pressly, Washington Federal
Mr. E. M. Sharp, Midwestern Region
Mr. J. A. Stone, Eastern Region
Mr. G. M. Weinberg, Washington Federal
Mr. E. B. West, Washington Federal
Mr. J. Worthington, Eastern Region

Subject: STRETCH Presentations

The new STRETCH Manuals are being mailed to you as promised under a separate cover. As you will recall, the manuals that you now have contain information which is proprietary from both the marketing and patent point of view. The new manuals will be proprietary only from the patent point of view and will be releasable to certain customers on a controlled basis. Furthermore, you will recall that certain other information is non-proprietary and releasable to those customers seriously interested in evaluating the STRETCH system for their future needs. The purpose of this memorandum is to review with you material content for non-proprietary discussions.

Chapter I, dated 1/28/58 of the new STRETCH Manual should be used as a basis for this material with the following exceptions:

1. Page 1.9 Omit first paragraph. This is a discussion of address monitoring.
2. Page 1.14 Omit "Connect for Test" from the last three paragraphs.
3. Page 1.15 Omit last three paragraphs. These discuss Refill as used in Indexing.
4. Page 1.16 Omit first two paragraphs. These discuss Rename and Progressive Indexing.

5. Page 1.16 Omit sixth paragraph. This discusses "Branch Relative."
6. Page 1.17 Omit second paragraph. This discusses "SWAP."
7. Page 1.21 Omit all of Section 1.7.3. This discusses "Address Monitoring."

Should it be appropriate to expand upon the contents of Chapter I, there is no reason why individual instructions could not be discussed with the following exceptions:

1. Compare if equal.
2. Compare field if equal.
3. Compare for range.
4. Compare field for range.
5. Reciprocal divide.
6. Convert instructions (You may point out that instructions are available which will convert Decimal to Binary and Binary to Decimal.)
7. Connect for test.
8. Load Refill
9. Increment (Immediate)
10. Increment and count (Immediate)
11. Increment, count and refill.
12. Store refill
13. Load Value with sum
14. Store address
15. Rename
16. Branch relative
17. Count, branch and refill.
18. Refill
19. Refill on zero count.
20. Execute indirect and count.
21. SWAP
22. Release

We must be careful to eliminate from all of our discussions including confidential negotiations references to:

1. Low speed exchange.
2. High speed card reader.
3. High speed printer.
4. High speed card punch.
5. Channel B.

Should a discussion of input/output equipment be necessary, you may talk in terms of the 729 Model IV tape units, the 7400 Printer, the 7500 Card Reader, and the 7550 Card Punch.

Please remember that no presentations on STRETCH should be given without first obtaining approval from the Regional Manager of Applied Science. Furthermore, no presentations should be given to professional society or other formal meetings without first submitting a manuscript to DPD HQ for patent clearance. You will recall the patent problems relating to public disclosures.

A large part of the success of our Marketing Program rests in your hands. We need your ideas. Let's hear from you.

D. V. Newton

D. V. Newton

DVN:bc

cc: Mr. R. W. DeSio, Midwestern Region
Mr. L. C. Hubbard, Western Region
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