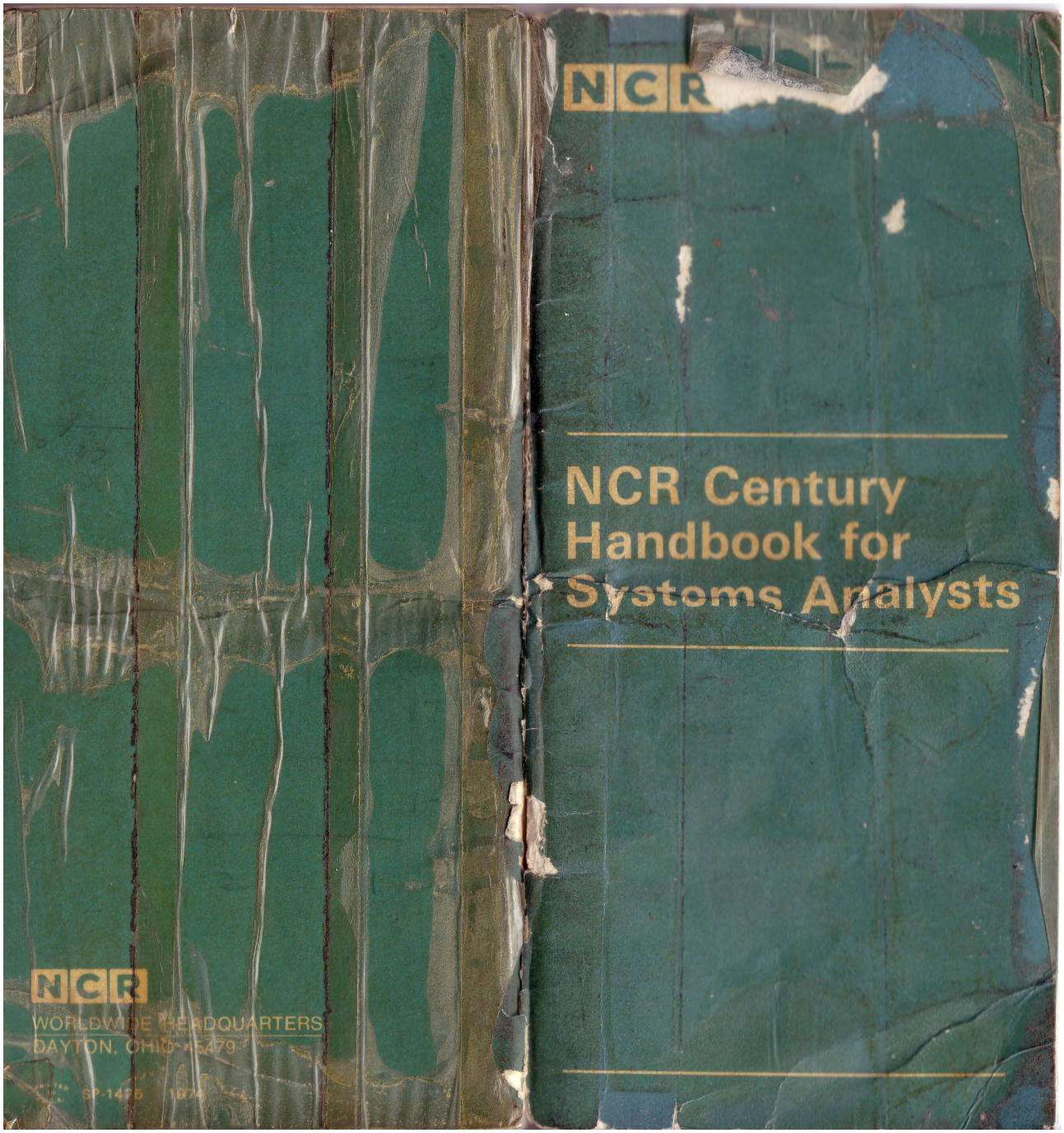
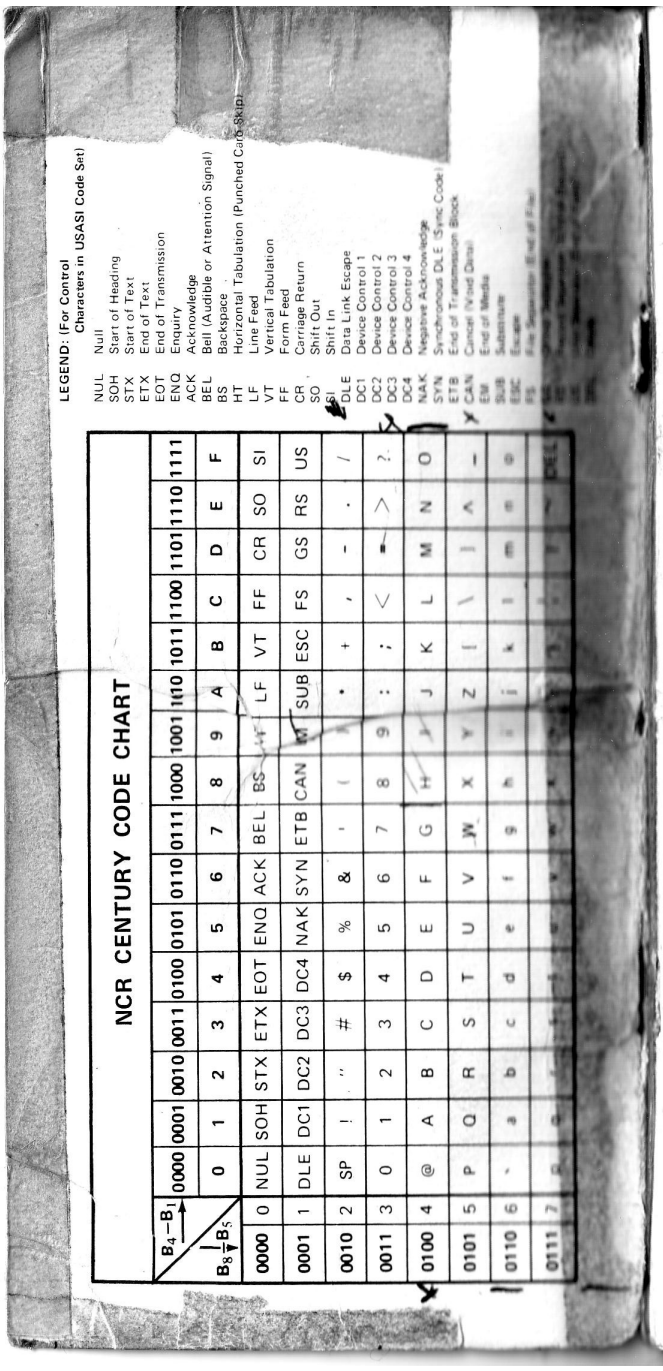
Century Handbook for Systems Analysts. Blue (SP-1425 1074)

As you can see from its condition this handbook stayed with me for most of my Century programming career. I'm not sure how I obtained it, probably from one of the Technical Services guys at Marylebone Road, They weren't generally issued possibly because they included details of NEAT/3 level 2 which was decreed as being too dangerous for ordinary support people to use.



Handbook Cover (discolouration due to sellotape holding it together)

This was the 'original' 1974 US version a UK version (White/Pink cover (UK DC507)) came out in 1976. I also have a 1977 US version.



I. SIMPSON

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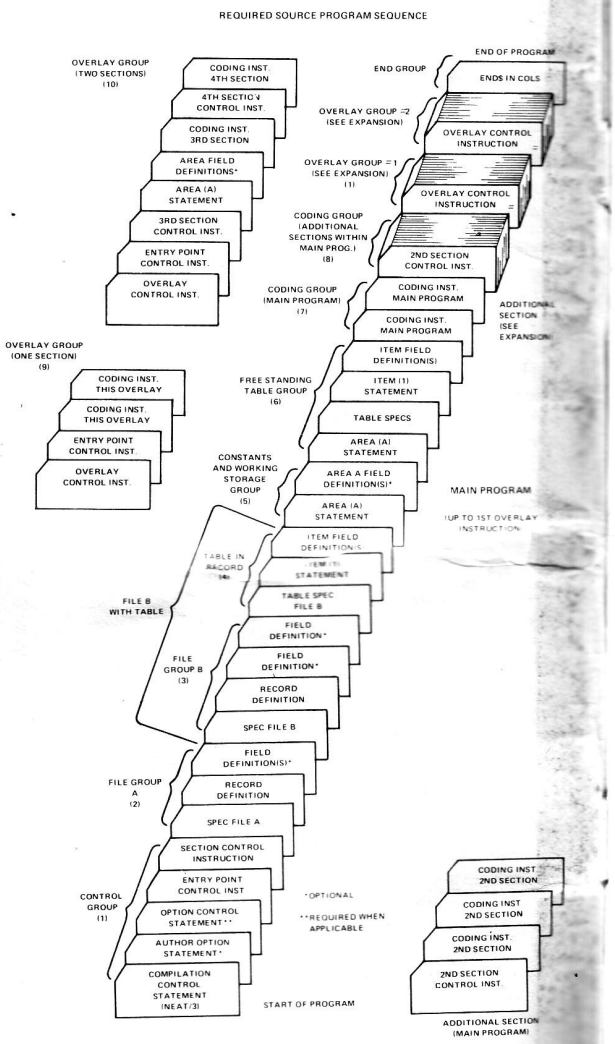
ORGANIZATION OF NEAT/3 SOURCE PROGRAM

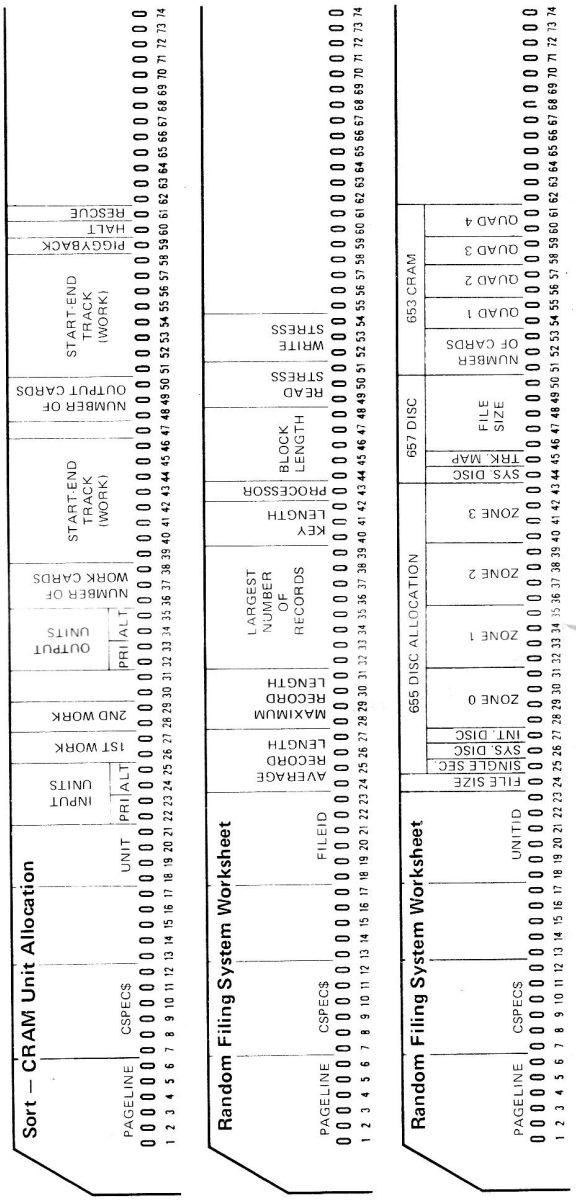


NEAT/3 INSTRUCTIONS – LEVEL 1

Instr.	Operands	Description
ADD	A,B	(A) + (B) → B
ADD	A,B,C	(A) + (B) → C
ADDC	A,B,Z	If overflow, branches to Z.
ADDC	A,B,C,Z	
ADDL	A,B,Z	If overflow, links to Z.
ADDL	A,B,C,Z	
ADDR	A,B	Rounds off decimal places.
ADDR	A,B,C	
ADDRC	A,B,Z	Rounds off decimal places; if overflow, branches to Z.
ADDRC	A,B,C,Z	
ADDRL	A,B,Z	Rounds off decimal places; if overflow, links to Z.
ADDRL	A,B,C,Z	
BEGDBG		Establishes the point at which debugging begins.
BLKCHK	FR,A,Z	If block length ⩾ (A), branches to Z.
BLKOUT	FR	Outputs a short block.
BR	Z	Branches unconditionally; stores no link.
BRE	Z	If E flag is on, branches to Z.
BRG	Z	If G flag is on, branches to Z.
BRL	Z	If L flag is on, branches to Z.
BRGE	Z	If G or E flag is on, branches to Z.
BRLE	Z	If L or E flag is on, branches to Z.
BRU	Z	If G or L flag is on, branches to Z.
BRDEP	A,B,C,Z	Branches to address in branch table B depending upon value of (A); if (A) points past end-of-table, branches to Z.
CALL	Z,AR1, AR2,..	Links to Z and sets up arguments AR1-AR9.
CALL	Z,A,AR1, AR2,..	Links to Z, saves index registers of calling module in A, sets up arguments AR1-AR9.

Pages 2,3 I have omitted pages 4-61 until they can be properly scanned.

SORT WORKSHEETS (CONT'D)
RANDOM FILING SYSTEM WORKSHEETS



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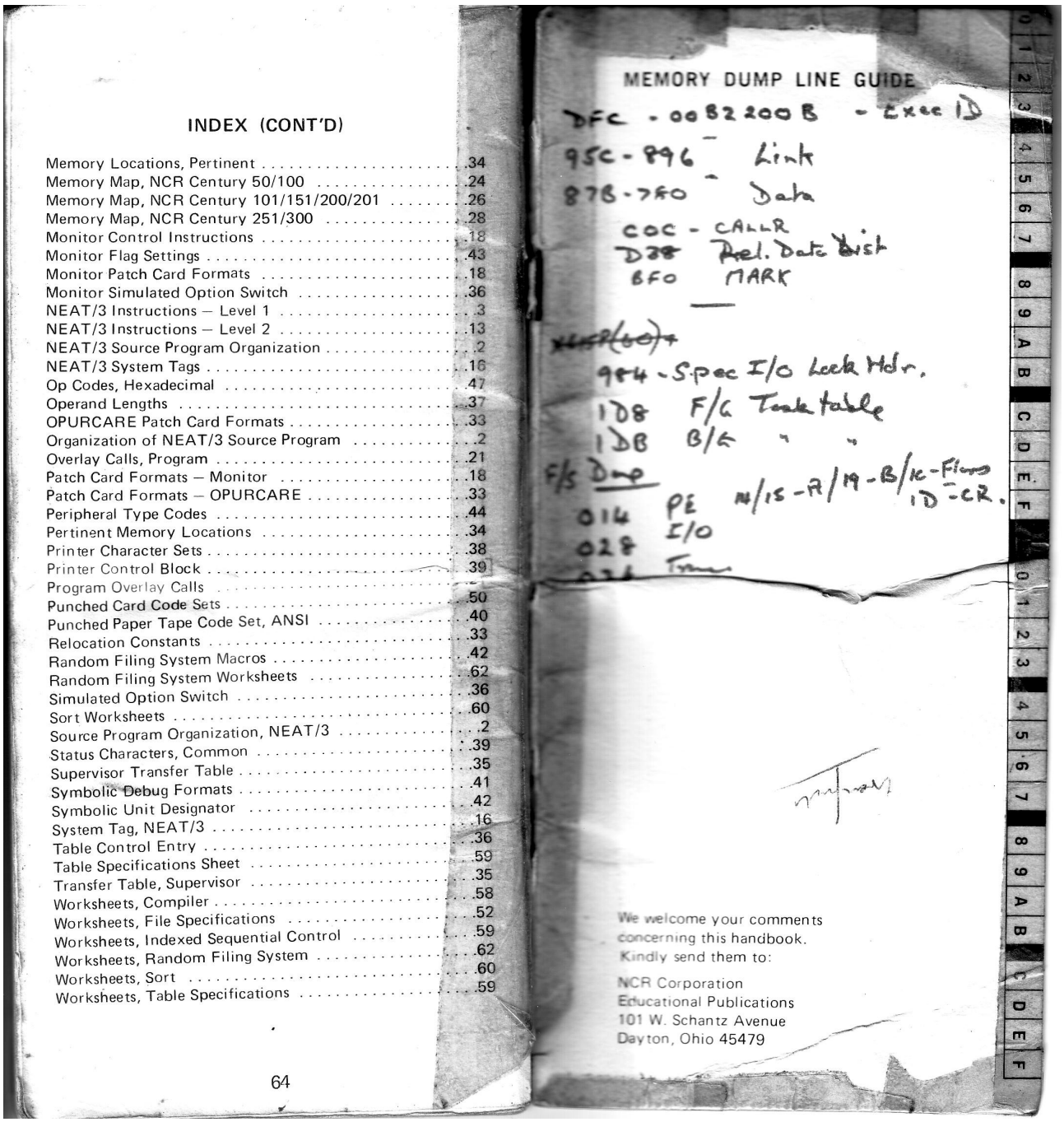

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MEMORY DUMP LINE GUIDE

DFC - 00B200B - Exec ID
95C-896 Link
878-7F0 Data
COC - CALLR
D38 Rel. Data Disk
BF0 MARK

984 - Spec I/O Lock Hdr.
1D8 F/G Task table
1DB B/G " "
F/G Dump
014 PE N/15-R/19-B/1C-Flags ID-CR.
028 I/O

We welcome your comments concerning this handbook. Kindly send them to:

NCR Corporation
Educational Publications
101 W. Schantz Avenue
Dayton, Ohio 45479

Page 64, inside back cover

The notes related to useful memory addresses and how to create a 'free-standing' memory dump.

Iain Simpson
29/10/2007