

NO. 2172334  
 SHEET 0  
 OF 9

# DIAGNOSTIC TEST

TITLE CORE STORAGE TEST - H 20K DTX05H  
 MACH. TYPE 1620-I BY HNJ APPR. \_\_\_\_\_ DATE \_\_\_\_\_

## ENGINEERING CHANGE HISTORY

E/C NO.	DATE	SHEETS AFFECTED
404980	5-7-64	1 - 9

E/C NO.	404980						
DATE	5-7-64						

\* DTX05H  
 \* 1620 MEMORY TEST 20K MACHINE  
 \*  
 \*  
 \*

\* THIS FIRST PART KEEPS TRACK OF WHICH PATTERN IS  
 \* TO BE WRITTEN NEXT AND GENERATES SAME IN LOWEST  
 \* TESTED AREA IN STORAGE 00-49 FOR 1L 50-99 FOR 1H

00402  
 00402 16 00705 -0000  
 00414 49 04702 00000  
 00426 43 04602 00704  
 00438 49 00502 00000  
 00502  
 00502 43 00602 00705  
 00514 31 00050 04302  
 00526 31 00076 04304  
 00538 17 00706 -0001  
 00602  
 00602 31 00050 04402  
 00614 31 00076 04404  
 00626 17 00706 -0010  
 00638 41 00000 00000  
 00701

DORG 402  
 RCA TFM RTCF,,, RESET ROUTINE COUNT  
 B HEAD  
 RCB BD EXIT,RTCF-1,, EXIT  
 B RCC  
 DORG \*\*53  
 RCC BD RCD,RTCF,, BR PASS TWO 8877  
 TR 50,TP1,, SET UP  
 TR 76,TP1+2,, 7788 TEST  
 BTM IA,1,  
 DORG \*\*53  
 RCD TR 50,TP2,, SET UP  
 TR 76,TP2+2,, 8877 TEST  
 BTM IA,10,  
 NOP  
 DORG \*\*52

\*  
 \* WRITE PATTERN THROUGH STORAGE  
 \* IN BLOCKS OF 50 WITH TRANSMIT RECORD  
 \*

00705 00005  
 00706 31 04513 04331  
 00718 31 04538 04331  
 00730 31 04434 04345  
 00742 49 00802 00000  
 00802  
 00802 16 00820 -0050  
 00814 31 00000 00050  
 00826 47 00914 01900  
 00838 49 00902 00000  
 00902  
 00902 27 04906 00820

RTCF DC 5,0,  
 IA TR AAD,KAD,, INITIALIZE  
 TR BAD,KAD,, ADD  
 TR CAD,KCAD,, SIMULATION TABLES  
 B PUA  
 DORG \*\*49  
 PUA TFM WTR+6,50,, SET START ADR  
 WTR TR ,50,, WRITE FROM 50-99 INTO XXX50-XXX99  
 BNA AMA  
 B PUB  
 DORG \*\*53  
 PUB BT EK,WTR+6,, ERROR

\* THIS ROUTINE STEPS THE TRANSMIT RECORD ADDRESS IN  
 \* INCREMENTS OF 100  
 \*

00914 31 04512 04513  
 00926 25 00818 04513  
 00938 49 01002 00000  
 01002  
 01002 43 00814 04513  
 01014 31 04513 04331  
 01026 31 04537 04538  
 01038 49 01102 00000  
 01102  
 01102 25 00817 04538  
 01114 43 00814 04538  
 01126 31 04538 04331  
 01138 49 01202 00000  
 01202  
 01202 31 04433 04434

AMA TR AAD-1,AAD,, STEP 100  
 TD WTR+4,AAD,, SET 100  
 B AMB  
 DORG \*\*53  
 AMB BD WTR,AAD,, BR NO CARRY  
 TR AAD,KAD,, RESTORE 100  
 TR BAD-1,BAD,, STEP 1K  
 B AMC  
 DORG \*\*53  
 AMC TD WTR+3,BAD,, SET 1K  
 BD WTR,BAD,, BR NO CARRY  
 TR BAD,KAD,, RESTORE 1K  
 B AMD  
 DORG \*\*53  
 AMD TR CAD-1,CAD,, STEP 10K

01214 25 00816 04434  
 01226 43 00814 04434  
 01238 49 01302 00000  
 01302

TD WTR+2,CAD,, SET 10K  
 BD WTR,CAD,, NO BR ON END MEM  
 B HKL  
 DORG \*\*53

\*  
 \* COMPLEMENT AND RESTORE THE PATTERN DIGIT BY DIGIT  
 \*  
 \* FIRST SET UP STARTING ADDRESSES  
 \*

01302 15 02307 00005  
 01314 31 10739 02241  
 01326 31 04538 04331  
 01338 49 01402 00000  
 01402  
 01402 31 04513 04331  
 01414 31 04434 04345  
 01426 25 02313 00050  
 01438 49 01502 00000  
 01502  
 01502 25 02613 00052  
 01514 25 01613 02313  
 01526 25 02313 02613  
 01538 49 01602 00000  
 01602  
 01602 15 02613 00000  
 01613 00000

HKL TDM WRA+5,5,, SET STARTING ADDRESS  
 TR RAD,KRAD,, INITIALIZE  
 TR SAD,KAD,, ADD  
 B HKM  
 DORG \*\*53  
 HKM TR TAD,KAD,, SIMULATION  
 TR UAD,KCAD,, TABLES  
 TD X,50,, INITIALIZE X  
 B HKN  
 DORG \*\*53  
 HKN TD Y,52,, INITIALIZE Y  
 HKP TD XS,X,, SWAP  
 TD X,Y,, TEST  
 B HKQ  
 DORG \*\*53  
 HKQ TDM Y,, DIGITS  
 XS DS ,\*

\*  
 \* THE SUCCEEDING ARRAY OF TRANSMIT FIELD INSTRUCTIONS  
 \* ARE USED TO UPDATE THE CURRENT ADDRESS IN THE FOLLOWING  
 \* COMPLEMENT AND-RESTORE ROUTINE  
 \*

01614 26 02319 02307  
 01626 26 02419 02307  
 01638 49 01702 00000  
 01702  
 01702 26 02607 02307  
 01714 26 02431 02307  
 01726 26 02619 02307  
 01738 49 01802 00000  
 01802  
 01802 26 02907 02307  
 01814 26 02719 02307  
 01826 26 02731 02307  
 01838 49 01902 00000  
 01902  
 01902 26 02919 02307  
 01914 26 03019 02307  
 01926 26 03031 02307  
 01938 49 02002 00000  
 02002  
 02002 26 03207 02307  
 02014 26 03219 02307  
 02026 26 03319 02307  
 02038 49 02102 00000  
 02102  
 02102 26 03507 02307  
 02114 26 03519 02307  
 02126 26 03331 02307  
 02138 49 02202 00000

HKQ1 TF WRB+5,WRA+5,, SET ADR  
 TF WRE+5,WRA+5,,  
 B HKQ  
 DORG \*\*53  
 HKS TF WRG+5,WRA+5,,  
 TF WRF+5,WRA+5,,  
 TF WRH+5,WRA+5,,  
 B HKU  
 DORG \*\*53  
 HKU TF WRN+5,WRA+5,,  
 TF WRL+5,WRA+5,,  
 TF WRM+5,WRA+5,,  
 B HKV  
 DORG \*\*53  
 HKV TF WRP+5,WRA+5,,  
 TF WRS+5,WRA+5,,  
 TF WRT+5,WRA+5,,  
 B HKW  
 DORG \*\*53  
 HKW TF WRU+5,WRA+5  
 TF WRV+5,WRA+5  
 TF WRY+5,WRA+5,,  
 B HKY  
 DORG \*\*53  
 HKY TF WRAA+5,WRA+5,,  
 TF WRBA+5,WRA+5,,  
 TF WRZ+5,WRA+5,,  
 B HKZ

02202  
 02202 26 03619 02307  
 02214 26 03631 02307  
 02226 49 02302 00000  
 02236 00000  
 02238 41 00000 00000  
 02241 00008  
 02241 00000  
 02302

DORG \*\*53  
 HKZ TF WREA+5,WRA+5,,  
 TF WRFA+5,WRA+5,,  
 B WRA  
 TST DS ,\*-1  
 NOP  
 KRAD DSC 8,5678950',\*-8  
 KEAD DS ,KRAD  
 DORG \*\*53

\*  
 \* NOW WE ACTUALLY COMPLEMENT AND RESTORE THE TESTED DIGIT  
 \* THE BIG LOOP IS USED TO SPEED UP THE PROGRAM WHICH  
 \* WOULD BE IMPOSSIBLY SLOW WITH A ONE ADDRESS AT A TIME LOOP  
 \*

02302 15 -0000 00000  
 02313 00000  
 02314 25 00001 02313  
 02326 47 02414 01900  
 02338 49 02402 00000  
 02402  
 02402 27 10806 02308  
 02414 25 00000 02613  
 02426 25 00001 02613  
 02438 49 02502 00000  
 02502  
 02502 47 02526 01900  
 02514 27 10806 02420  
 02526 46 02302 00200  
 02538 49 02602 00000  
 02602  
 02602 15 00002 02613  
 02613 00000  
 02614 25 00003 02613  
 02626 47 02714 01900  
 02638 49 02702 00000  
 02702  
 02702 27 10806 02608  
 02714 25 00002 02313  
 02726 25 00003 02313  
 02738 49 02802 00000  
 02802  
 02802 47 02826 01900  
 02814 27 10806 02720  
 02826 46 02602 00200  
 02838 49 02902 00000  
 02902  
 02902 25 00004 02313  
 02914 25 00005 02313  
 02926 47 03014 01900  
 02938 49 03002 00000  
 03002  
 03002 27 10806 02908  
 03014 25 00004 02613  
 03026 25 00005 02613  
 03038 49 03102 00000  
 03102  
 03102 47 03126 01900  
 03114 27 10806 03020  
 03126 46 02902 00200

WRA TDM 0,,2, WR COMP 0  
 X DS ,\*  
 WRB TD 1,X,, WR COMP 1  
 BNA WRE  
 B WRC1  
 DORG \*\*53  
 WRC1 BT ERR,WRA+6,, ERROR  
 WRE TD 0,Y,, RESTORE 0  
 WRF TD 1,Y,, RESTORE 1  
 B WRF1  
 DORG \*\*53  
 WRF1 BNA WRF2  
 BT ERR,WRE+6,, ERROR  
 WRF2 BC2 WRA,,, LCOP  
 B WRG  
 DORG \*\*53  
 WRG TDM 2,Y,, WR COMP 2  
 Y DS ,\*  
 WRH TD 3,Y,, WR COMP 3  
 BNA WRL  
 B WRH1  
 DORG \*\*53  
 WRH1 BT ERR,WRG+6,, ERROR  
 WRL TD 2,X,, RESTORE 2  
 WRM TD 3,X,, RESTORE 3  
 B WRM1  
 DORG \*\*53  
 WRM1 BNA WRM2  
 BT ERR,WRL+6,, ERROR  
 WRM2 BC2 WRG,,, LCOP  
 B WRN  
 DORG \*\*53  
 WRN TD 4,X,, WR COMP 4  
 WRP TD 5,X,, WR COMP 5  
 BNA WRS  
 B WRP1  
 DORG \*\*53  
 WRP1 BT ERR,WRN+6,, ERROR  
 WRS TD 4,Y,, RESTORE 4  
 WRT TD 5,Y,, RESTORE 5  
 B WRT1  
 DORG \*\*53  
 WRT1 BNA WRT2  
 BT ERR,WRS+6,,, ERROR  
 WRT2 BC2 WRN,,, LCOP

03138 49 03202 00000  
 03202  
 03202 25 00006 02613  
 03214 25 00007 02613  
 03226 47 03314 01900  
 03238 49 03302 00000  
 03302  
 03302 27 10806 03208  
 03314 25 00006 02313  
 03326 25 00007 02313  
 03338 49 03402 00000  
 03402  
 03402 47 03426 01900  
 03414 27 10806 03320  
 03426 46 03202 00200  
 03438 49 03502 00000  
 03502  
 03502 25 00008 02313  
 03514 25 00009 02313  
 03526 47 03614 01900  
 03538 49 03602 00000  
 03602  
 03602 27 10806 03508  
 03614 25 00008 02613  
 03626 25 00009 02613  
 03638 49 03702 00000  
 03702  
 03702 47 03726 01900  
 03714 27 10806 03620  
 03726 46 03502 00200  
 03738 49 03802 00000  
 03802

B WRU  
 DORG \*\*53  
 WRU TD 6,Y,, WR COMP 6  
 WRV TD 7,Y,, WR COMP 7  
 BNA WRV  
 B WRV1  
 DORG \*\*53  
 WRV1 BT ERR,WRU+6,, ERROR  
 WRV TD 6,X,, RESTORE 6  
 WRZ TD 7,X,, RESTORE 7  
 B WRZ1  
 DORG \*\*53  
 WRZ1 BNA WRZ2  
 BT ERR,WRV+6,, ERROR  
 WRZ2 BC2 WRU,,, LOOP  
 B WRAA  
 DORG \*\*53  
 WRAA TD 8,X,, WR COMP 8  
 WRBA TD 9,X,, WR COMP 9  
 BNA WREA  
 B WRBA1  
 DORG \*\*53  
 WRBA1 BT ERR,WRAA+6,, ERROR  
 WREA TD 8,Y,, RESTORE 8  
 WRFA TD 9,Y,, RESTORE 9  
 B WRFA1  
 DORG \*\*53  
 WRFA1 BNA WRFA2  
 BT ERR,WREA+6,, ERROR  
 WRFA2 BC2 WRAA,,, LOOP  
 B ASRA  
 DORG \*\*53

\*  
 \* THIS SECTION STEPS THE ADDRESS OF THE COMPLEMENT  
 \* RESTORE LOOP  
 \*

03802 31 10738 10739  
 03814 25 02307 10739  
 03826 43 01514 10740  
 03838 49 03902 00000  
 03902  
 03902 31 10739 02241  
 03914 31 04537 04538  
 03926 25 02306 04538  
 03938 49 04002 00000  
 04002  
 04002 43 01614 04538  
 04014 31 04538 04331  
 04026 31 04512 04513  
 04038 49 04102 00000  
 04102  
 04102 25 02305 04513  
 04114 43 01614 04513  
 04126 31 04513 04331  
 04138 49 04202 00000  
 04202  
 04202 31 04433 04434  
 04214 25 02304 04434  
 04226 43 01614 04434

ASRA TR RAD-1,RAD,, STEP TENS  
 TD WRA+5,RAD,, SET TENS  
 BD HKP,RAD+1,, BR NO CARRY  
 B ASRB  
 DORG \*\*53  
 ASRB TR RAD,KRAD,, RESTORE  
 TR SAD-1,SAD,, STEP 100  
 TD WRA+4,SAD,, SET 100  
 B ASRC  
 DORG \*\*53  
 ASRC BD HKQ1,SAD,, BR NO CARRY  
 TR SAD,KAD,, RESTORE 100  
 TR TAD-1,TAD,, STEP 1K  
 B ASRD  
 DORG \*\*53  
 ASRD TD WRA+3,TAD,, SET 1K  
 BD HKQ1,TAD,, BR NO CARRY  
 TR TAD,KAD,, RESTORE 1K  
 B ASRE  
 DORG \*\*53  
 ASRE TR UAD-1,UAD,, STEP 10K  
 TD WRA+2,UAD,, SET 10K  
 BD HKQ1,UAD,, BR NO CARRY

04238 49 00426 00000  
04302

B RCB  
DORG \*+53

\*  
\*                   CONSTANTS AND ARITHMETIC WORKING AREAS  
\*

04302 00027  
04301  
04304 00004  
04308 00004  
04312 00004  
04316 00004  
04320 00004  
04324 00004  
04328 00004  
04331 00013  
04345 00004  
04347 00002  
04402  
04402 00027  
04402  
04402 00001  
04406 00004  
04410 00004  
04414 00004  
04418 00004  
04422 00004  
04426 00004  
04428 00002  
04513 00013  
04538 00012  
04434 00004  
04513 00000  
04538 00000  
04434 00000  
04602

TP1 DSS 27,,                   FIELD OF 7788  
DORG \*-27  
DC 4,-8778  
DC 4,-8778  
DC 4,-8778  
DC 4,-8778  
DC 4,-8778  
DC 4,-8778  
DC 4,877'  
KAD DSC 13,012345678901',TP1+29  
KCAD DSC 4,010',TP1+43  
DC 2,-10,KCAD+2  
DORG TP1+100  
TP2 DSS 27,,                   FIELD OF 8877  
DORG \*-26  
DC 1,8  
DC 4,-8778  
DC 4,-8778  
DC 4,-8778  
DC 4,-8778  
DC 4,-8778  
DC 4,-8778  
DC 2,8'  
AAD DSS 13,TP2+111,   100 ADD WORK AREA  
BAD DSS 12,AAD+25,    1K ADD WORK AREA  
CAD DSS 4,TP2+32,    10K ADD WORK AREA  
TAD DSS ,AAD  
SAD DSS ,BAD  
UAD DSS ,CAD  
DORG AAD+89

\*  
\*                   PASS COUNTER  
\*

04602 39 04803 00100  
04614 46 00402 00400  
04626 36 00000 00500  
04638 49 00000 00000  
04702  
04702 34 00000 00102  
04714 39 04831 00100  
04726 34 00000 00102  
04738 49 00426 00000  
04802  
04803 00014  
04831 00007  
04901

EXIT WATY PCNT,,,           PRINT PASS COMPLETE  
BC4 RCA  
RNC4 ,,,                   READ NEXT PROGRAM  
B  
DORG EXIT+100  
HEAD RCTY  
WATY HD,,,                PRINT FARSE 1  
RCTY  
B RCB  
DORG HEAD+100  
PCNT DAC 14,PASS COMPLETE',  
HD DAC 7,DTX05H',  
DORG PCNT+98

\*  
\*                   ERROR ROUTINE- ERROR WHILE WRITING PATTERN  
\*

04905 00005  
04906 46 10338 00100  
04918 31 11537 04331  
04930 31 10739 02241  
04942 49 10002 00000

ERRX DC 5,0,  
ER BC1 BB,,,                BYPASS ERROR  
TR DAD,KAD,,               SET ADD CONSTANTS  
TR EAD,KEAD  
B ERA

10002  
 10002 47 10014 51655  
 10014 47 10026 51755  
 10026 26 10113 04905  
 10038 49 10102 00000  
 10102  
 10102 25 11638 -0000  
 10114 46 10402 01900  
 10126 31 11536 11537  
 10138 49 10202 00000  
 10202  
 10202 25 10113 11537  
 10214 43 10102 11537  
 10226 31 11537 04331  
 10238 49 10302 00000  
 10302  
 10302 31 10738 10739  
 10314 25 10112 10739  
 10326 43 10102 10740  
 10338 42 00000 00000  
 10402  
 10402 26 11636 10113  
 10414 38 11638 00100  
 10426 26 10508 10113  
 10438 49 10502 00000  
 10502  
 10502 25 0-000 11638  
 10514 47 10526 50755  
 10526 47 10602 51755  
 10538 49 10602 00000  
 10602  
 10602 47 10614 51655  
 10614 39 11703 00100  
 10626 38 11632 00100  
 10638 49 10702 00000  
 10702  
 10702 39 11603 00100  
 10714 34 00000 00102  
 10726 49 10126 00000  
 10739 00007  
 10739 00000  
 10738 41 00000 00000  
 10801

10805 00005  
 10806 46 11514 00100  
 10818 26 10841 10805  
 10830 25 10923 00000  
 10842 49 10902 00000  
 10901  
 10902 25 11013 10805  
 10914 49 11002 00000  
 10923 00002  
 10925 00001  
 10926 41 00000 00000  
 10938 41 00000 00000  
 10940 00009

DORG 10002  
 ERA BNI ERA1,51655,, RESET MBR-E CHECK IND  
 ERA1 BNI ERA2,51755,, RESET MBR-O CHECK IND  
 ERA2 TF CTD+11,ERRX,, SET ERROR FIELD ADDRESS  
 B CTD  
 DORG \*\*+53  
 CTD TD PRC,,7, READ DIGIT  
 BA ERD,,, ERROR  
 CTD2 TR DAD-1,DAD,, STEP UNIT ADR  
 B ERB  
 DORG \*\*+53  
 ERB TD CTD+11,DAD  
 BD CTD,DAD  
 TR DAD,KAD,, RESTORE UNITS  
 B ERC  
 DORG \*\*+53  
 ERC TR EAD-1,EAD,, STEP TENS  
 TD CTD+10,EAD  
 BD CTD,EAD+1,, BR NO CARRY  
 BB BB,,, RETURN  
 DORG \*\*+53  
 ERD TF PRA+4,CTD+11,, SET ERROR ADDRESS  
 WNTY PRC,,, PRINT ERROR CHAR  
 TF ERE+6,CTD+11  
 B ERE  
 DORG \*\*+53  
 ERE TD ,PRC,3, RESTORE ADR  
 BNI ERE1,50755,, RESET WRITE CHECK IND  
 ERE1 BNI ERF,51755,, RESET MBR-O CHECK IND  
 B ERF  
 DORG \*\*+53  
 ERF BNI ERF1,51655,, RESET MBR-E CHECK IND  
 ERF1 WATY PRB  
 WNTY PRA,,, PRINT ERROR ADR  
 B ERG  
 DORG \*\*+53  
 ERG WATY PR  
 RCTY  
 B CTD2  
 EAD DSS 7,\*\*+2  
 RAD DSS ,EAD  
 NOP  
 DORG \*\*+52

\*  
 \* ERROR ROUTINE - ERROR DURING COMPLIMENT OR RESTORE  
 \*

ERRY DC 5,0,  
 ERR BC1 RET,,, BYPASS ERROR  
 ERR1 TD ERR1+11,ERRY,, SET EVEN ERROR ADDRESS  
 B PRJ,,, READ EVEN DIGIT  
 B ERRJ  
 DORG \*\*+48  
 ERRJ TD ERRK+11,ERRY,, SET ADD TABLE ADDRESS  
 B ERRK  
 PRJ DSS 2,\*\*-2  
 DC 1,\*\*  
 NOP  
 NOP  
 KHAD DSC 9,123456789,\*\*-9

11002  
 11002 25 10805 10940  
 11014 26 11037 10805  
 11026 25 10924 00000  
 11038 49 11102 00000  
 11102  
 11102 38 10923 00100  
 11114 26 11208 10841  
 11126 26 11220 11037  
 11138 49 11202 00000  
 11202  
 11202 25 00000 10923  
 11214 25 00000 10924  
 11226 47 11302 50755  
 11238 49 11302 00000  
 11302  
 11302 47 11314 51755  
 11314 47 11326 51655  
 11326 39 11703 00100  
 11338 49 11402 00000  
 11402  
 11402 26 11523 10841  
 11414 38 11519 00100  
 11426 39 11603 00100  
 11438 49 11502 00000  
 11502  
 11502 34 00000 00102  
 11514 42 00000 00000

11519 00006  
 11526 41 00000 00000  
 11537 00012  
 11538 41 00000 00000  
 11602  
 11603 00015  
 11632 00005  
 11637 00001  
 11638 00001  
 11639 00001  
 11702  
 11703 00014  
 00402

DORG \*\*53  
 ERRK TD ERRY,KHAD,, READ TABLE  
 TF ERK1+11,ERRY,,SET ODD ERROR ADDRESS  
 ERK1 TD PRJ+1,,, READ ODD DIGIT  
 B ERRL  
 DORG \*\*53  
 ERRL WNTY PRJ,,, PRINT ERROR DIGITS  
 TF ERRM+6,ERR1+11  
 TF ERM1+6,ERK1+11  
 B ERRM  
 DORG \*\*53  
 ERRM TD ,PRJ,, RESTORE ERROR DIGITS  
 ERM1 TD ,PRJ+1  
 BNI ERN,50755,, RESTORE CHECK IND  
 B ERN,  
 DORG \*\*53  
 ERN BNI ERN1,51755  
 ERN1 BNI ERN2,51655  
 ERN2 WATY PRB  
 B ERRP  
 DORG \*\*53  
 ERRP TF ERY1+4,ERR1+11,,SET ERROR ADDRESS FOR PRINT  
 WNTY ERY1,,, PRINT ERROR ADR  
 WATY PR  
 B ERRQ  
 DORG \*\*53  
 ERRQ RCTY  
 RET BB ,,, RETURN  
 \*  
 \*           CONSTANTS AND ARITHMETIC WORKING AREAS  
 \*  
 ERY1 DSC 6,'\*\*6  
 NOP  
 DAD DSS 12,\*  
 NOP  
 DORG ERHQ+100  
 PR DAC 15, IS ERKOR ADR ',  
 PRA DSS 5  
 DC 1,'  
 PRC DSS 1  
 DC 1,'  
 DORG PR+99  
 PRB DAC 14, IS ERR CHAR ',  
 DEND 402



DT X05H 80/80 LIST

360007200500360020100500440001200276260005900274250001100000260009000269	-0000
260009500264310000000200260011400274250000000011490001200000	-0001
1600705-0000490470200000430460200704490050200000#	0-1-0402-0450 -0002
4300602007053100050043023100076043041700706-0001#	0-1-0502-0550 -0003
3100050044023100076044041700706-0010410000000000#	0-1-0602-0650 -0004
-0000#	1-1-0701-0706 -0005
310451304331310453804331310443404345490080200000#	0-1-0706-0754 -0006
1600820-005C310000000050470091401900490090200000#	0-1-0802-0850 -0007
270490600820310451204513250081804513490100200000#	0-1-0902-0950 -0008
430081404513310451304331310453704538490110200000#	0-1-1002-1050 -0009
250081704538430081404538310453804331490120200000#	0-1-1102-1150 -0010
310443304434250081604434430081404434490130200000#	0-1-1202-1250 -0011
150230700005311073902241310453804331490140200000#	0-1-1302-1350 -0012
310451304331310443404345250231300050490150200000#	0-1-1402-1450 -0013
250261300052250161302313250231302613490160200000#	0-1-1502-1550 -0014
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