

1. CHECK ALL MATERIAL RECEIVED AGAINST SHIPPING CHECK OFF LIST CONTAINED IN SYSTEM INSTALLATION PARTS PACKAGE (THIS PACKAGE CONTAINS ALL DETACHABLE CABLES ETC.)
2. REMOVE ALL SHIPPING TAPE, BRACES AND OTHER MATERIAL AS PER PACKING AND UNPACKING INSTRUCTIONS INCLUDED WITH EACH UNIT.
AT THIS TIME MAKE A THOROUGH PHYSICAL CHECK FOR DAMAGED, BROKEN OR LOOSE PARTS RESULTING FROM SHIPMENT (INCLUDING EDGE CONNECTORS). CAUTION: TURN FEED OVER MANUALLY WHEN REINSERTING BRUSH ASSEMBLY TO PREVENT BRUSH DAMAGE.
3. INSTALL THE FILE FEED MAGAZINE ON THE 1402. (REFER TO 1402 CE REFERENCE MANUAL FOR INSTRUCTIONS.)
4. CHECK THE 1402 RELAY GATE FOR LOOSE RELAYS AND DISPLACED ARMATURES.
5. MANUALLY TRIP CLUTCHES AND FEED CARDS THROUGH THE READ AND PUNCH FEEDS, CHECK FOR BINDS.
6. CHECK ALL MANUAL KNOBS, LEVERS, AND COVERS ON THE 1403 FOR PROPER OPERATION.
7. INSTALL (2) ANTI-WALK FOOT COMPONENT PARTS (2SETS) TO THE 1403 FRAME NEAR THE CASTERS BY THE FOLLOWING PROCEDURE:
INSERT THE MOUNTING STUD IN THE MACHINE FRAME FOR ITS FULL THREADED LENGTH, ASSEMBLE THE FOOT COVER AND MOUNTING FOOT TO THE STUD. BACK THE MOUNTING STUD OFF FOR THE REQUIRED DISTANCE TO STABILIZE THE MACHINE.
8. 1403-CHECK FOR OIL IN THE HYDRAULIC RESERVOIR. APPROX LEVEL TO BOTTOM OF MAGNETS.
9. 1403-CHECK FOR OIL IN THE RESERVOIR AT THE RIGHT END OF THE "T" CASTING (IBM NO.6) - 1403.
10. ALL 1401 MACHINES FROM DECEMBER 1961 (USA NO.20890) AND UP WILL BE DESIGNED FOR CABLES TO EXIT UNDERNEATH THE MACHINE. THE MACHINE WILL BE SHIPPED WITH CABLES ABOVE FRAME AND SHOULD BE INSTALLED AS DESCRIBED BELOW:
 - A) AT 01B1-01B8 - REMOVE THROW AWAY COVER AND DISCARD.
 - B) AT 01B1- REMOVE COVER SUPPORT BRACKET (194370) AND RETAIN. OPEN GATE 01B1.
 - C) AT 01B8 - RUN ALL CABLES DOWN THROUGH THE OPENING AT 01B1-01B8. STARTING WITH CABLE NEAREST REAR OF MACHINE, PLACE A LOOP THROUGH THE OPENING SUCH THAT THE CABLE CONNECTOR GOES THROUGH LAST.
 - D) AT 01B1-01B8
INSTALL HOUSING (723351).
INSTALL FIRE BARRIER THEN INSTALL FILTER.
INSTALL COVER SUPPORT BRACKET, (194370) REMOVED IN STEP B, AT THE CENTER OF THE FRAME.
INSTALL COVER (194372).
FOR RAISED FLOOR INSTALLATION INSTALL KICK PLATE (597329).
FOR ABOVE FLOOR INSTALLATION INSTALL KICK PLATE (723359).
CLOSE GATE 01B1.
 - E) AT 02B4-02B5 -
REMOVE COVER (194372).
OPEN GATE 02B4.
CONNECT CABLES - FIRST PASSING THEM UP FROM UNDERNEATH FRAME.
INSTALL HOUSING (723352).
FOR ABOVE FLOOR INSTALLATIONS INSTALL CLAMP (723353) TO HOLD CABLES AT 02B5 SIDE OF MACHINE. THIS INCLUDES THE THREE 1403 CABLES IF THEY PASS UNDERNEATH THE LENGTH OF THE 1401.
INSTALL FIRE BARRIER THEN INSTALL FILTER.
FOR ABOVE - FLOOR INSTALLATIONS INSTALL KICK PLATE (723360).
FOR RAISED FLOOR INSTALLATIONS INSTALL KICK PLATE (597329).
INSTALL COVER (194372).
CLOSE GATE 02B4.
11. CONNECT CABLES FROM THE 1401 TO THE 1402. - (SEE NOTE I).
12. CONNECT CABLES FROM THE 1401 TO THE 1403. (SHOE WITH GOLD PLATED PINS CONNECTS TO FRONT RECEPTACLE. ON CURRENT MACHINES THESE WILL ONLY FIT ONE WAY).
 - A) IF SYSTEM HAS EXPANDED MEMORY, CONNECT POWER AND SIGNAL CABLES FROM 1401 TO THE 1406 (06B7) (WILL ONLY FIT ONE WAY AFTER 1401-20010 -SEE NOTE I).

NOTE I - 1402 CANNON CONNECTORS-THREAD ON OUTSIDE OF RING-SMALL-NEAR-PIN 3
-LARGE-NEAR PIN 3
1406 CANNON CONNECTORS-THREAD ON OUTSIDE OF RING-SMALL-NEAR PIN 6
-LARGE-NEAR PIN 15

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13. POWER CABLE CONNECTION:

- A) 60 CYCLE MACHINES:
CONNECT THE MAIN POWER CABLE TO THE UPPER TERMINALS ON THE INNER CIRCUIT BREAKER OF THE 1402 UNIT. THE GREEN-YELLOW (GROUND) WIRE SHOULD BE CONNECTED TO THE FRAME OF THE 1402. REFER TO 1402 WIRING DIAGRAM NO.609400 PAGE 11.01.11.1.
- B) 50 CYCLE MACHINES:
CONNECT THE MAIN POWER CABLE TO THE UPPER TERMINALS ON THE CIRCUIT BREAKER OF THE 1402 UNIT. THE GREEN-YELLOW (GROUND) WIRE SHOULD BE CONNECTED WITH THE FRAME. THE NEUTRAL LINE SHOULD BE CONNECTED WITH THE NEUTRAL (O) POINT OF THE VOLTAGE MODE TERMINAL IN THE 1402.
ON MODEL D (WITHOUT 1402) THE MAIN POWER CABLE SHOULD BE CONNECTED TO THE UPPER TERMINALS OF THE CIRCUIT BREAKER (FOR 1401) IN 1401 (GATE 02B7, 02B8). THE NEUTRAL LINE SHOULD BE CONNECTED TO THE NEUTRAL POINT Y. THE GREEN-YELLOW LINE (GROUND) SHOULD BE CONNECTED WITH FRAME.
- C) CONNECT THE ADDITIONAL YELLOW-GREEN GROUND WIRES AS SHOWN ON THE REFERENCE DRAWINGS, 4062985A-4062988A (OR LATER SUFFIXES) ON SECT. 5/6 A TO PROVIDE CORRECT GROUND CONNECTIONS. CHECK THE GROUND WIRE CONNECTION OF THE 1402 MAIN POWER CABLE OR, IF THE MACHINE IS A MODEL D, CHECK THE SAME OF THE 1401 CONNECTION MAIN POWER CABLE AND MAKE CERTAIN, THAT THIS CONNECTION IS PARTICULAR UNOBJECTIONABLE. FOR SYSTEM WITH 1405 ATTACHMENT SEE NOTE II

14. DO NOT CONNECT TAPE UNIT CABLES AT THIS TIME.

15. CHECK CUSTOMERS POWER RECEPTACLE FOR THE PROPER TYPE OF VOLTAGE SUPPLY AND GROUND. GROUND CONNECTION SHOULD BE GREEN/YELLOW WIRE NON-CURRENT CARRYING EARTH GROUND. IF IT IS NECESSARY TO CHANGE THE SYSTEM VOLTAGE SEE STEP 1.0 OF REFERENCE MATERIAL.

16. LIFT CARRIAGE BRUSHES AND OPEN "T" CASTING ON THE 1403 BEFORE APPLYING POWER.

17. APPLY POWER. CHECK ALL BLOWERS FOR OPERATION ON THE 1401 (AND 1406) ESPECIALLY THE ONE OVER THE CORE STORAGE UNITS. ALSO CHECK THE CARRIAGE BLOWER ON THE RIGHT SIDE OF THE 1403. PLACE A CARD OVER THE LOUVERS IN THIS COVER. IF THE CARD IS DRAWN AGAINST THE COVER, THE BLOWER IS OPERATING.

18. CHECK FOR PROPER PHASE ROTATION ON THE 1403. SLIP A PIECE OF PAPER OR TAB CARD THROUGH THE PAPER FEED ROLLERS ON THE BACK OF THE MACHINE. THE PAPER OR CARD SHOULD BE FED DOWN. IF THIS IS CORRECT CLOSE THE "T" CASTING AND CHECK TO SEE THAT THE CHAIN IS TURNING COUNTER CLOCKWISE, LOOKING DOWN AT IT. FINALLY CHECK TO SEE THAT AIR IS BLOWING INTO THE HAMMER UNIT, THIS CHECK CAN BE MADE BY PLACING A CARD OVER THE LOUVERS IN THE COVER ON THE LEFT SIDE OF THE 1403. IF THE CARD IS DRAWN AGAINST THE COVER, AIR IS BEING BLOWN INTO THE MACHINE. COMPLETE THE CHECK BY FEELING THAT AIR IS BEING BLOWN OUT OF THE HAMMER UNIT AT THE SIDES OF THE UNIT. IF ALL THREE OF THE ABOVE ARE INCORRECT REVERSE ANY TWO LEADS ON THE MAIN POWER CABLE. IF ONE OR TWO ARE INCORRECT FOLLOW PROCEDURE OUTLINED IN THE 1403 REFERENCE MANUAL PAGE 6, FORM NO.225-6493. (IF THE SYSTEM DOES NOT HAVE A PRINTER BUT HAS 729 TAPE DRIVES USE STEP 27A FOR CHECKING PHASE RELATIONSHIP).

19. IF ALL PHASING IS CORRECT IT IS NOW SAFE TO LOWER CARRIAGE BRUSHES. A CARRIAGE TAPE SHOULD BE INSTALLED.

20. CHECK 1401, 1402 (AND 1406) POWER SUPPLY VOLTAGES. THEY SHOULD BE $\pm 2\%$ WHEN MEASURED AS DESCRIBED BELOW.

- A) MEASURE -6V, +6V, -12 VOLT OUTPUT AT GATE LOCATION 01B3. ADJUST FOR PROPER OUTPUT. ALWAYS ADJUST -6V BEFORE ADJUSTING -12V. SEE 1401 WIRING DIAGRAM FOR LOCATION OF SUPPLIES LOCATED ON 02A4, AND 02A5 (1401 ONLY).
- B) MEASURE -6V, +6V, AND -12V AT GATE LOCATION 02A1 ON MACHINES WITH TAPES. IF THIS FEATURE IS NOT PRESENT, MEASURE AT GATE LOCATION 02A7, 02A8 OR 02B6 DEPENDING ON WHICH MAY BE PRESENT. ADJUST FOR PROPER OUTPUT FROM THE SUPPLIES WHICH ARE LOCATED ON 02A3 AND 02A6. ALWAYS ADJUST -6V BEFORE ADJUSTING -12V. REFER TO 1401 WIRING DIAGRAM, (1401 ONLY).
- C) MEASURE -36 VOLTS ON 02B2 ON MAGNETIC TAPE SYSTEMS WITH TAU 2.

NOTE II CONVERTER 50/60 CPS TO BE GROUNDED TO CENTRAL GROUNDING TERMINAL IF LOCATED IN THE SAME ROOM. MAKE SURE, THAT THERE IS NO GROUND CONNECTION BETWEEN CONVERTER AND 1405.

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D) MEASURE -60 VOLTS ON 01B8 AT THE -60 VOLT BUS BAR. ADJUST FOR THE PROPER OUTPUT FROM THE SUPPLY LOCATED IN THE 1402. IN MODEL D THIS SUPPLY IS LOCATED ON 01B4 (1401 ONLY).

E) MEASURE -20 VOLTS ON 01A1 AT F26R AND ADJUST FOR PROPER OUTPUT FROM THE SUPPLY LOCATED IN THE 1402. IN MODEL D, SUPPLY IS LOCATED ON GATE 02A8. (TURN OFF ALL POWER-INCLUDING LINE POWER INPUT TO 1402- AND MOVE TAPS ON SUPPLY IF ADJUSTMENT IS NECESSARY).

NOTE - -20 VOLT POWER SUPPLIES (PART NUMBER 473 430) ON 1402 "M" SUFFIX AND LATER, ARE NOT ADJUSTABLE. (PN 4118226 - 50 CYCLE)

F) MEASURE +30 VOLTS ON 01A1 (AND 1406 CORE ARRAY GATES) AT F26N. MEASURE +12V FIXED ON 01A1 (AND 1406 CORE ARRAY GATES) AT F26Q. MEASURE +12V VARIABLE (18V DIFF) ON 01A1 (AND 1406 CORE ARRAY GATES) AT F13Q. ALWAYS ADJUST +30V BEFORE ADJUSTING +12V. IF VOLTAGE VARIATION OF THE MEMORY IS DESIRED REFER TO SERVICE AID CEM 107.

G) THE MARGINAL VOLTAGES ARE NOT MEASURED. (IF THE ABOVE STEPS ARE FOLLOWED, THESE VOLTAGES SHOULD BE WITHIN TOLERANCES).

H) ON LATER MACHINES THE MARGINAL VOLTAGE SUPPLY WILL NOT BE PERMANENTLY INSTALLED IN THE SYSTEM. A PORTABLE SUPPLY CAN BE ORDERED BY THE BRANCH OFFICE. THIS WILL PROVIDE GREATER FLEXIBILITY FOR CHECKING THE SYSTEM INCLUDING ANY PERIPHERAL EQUIPMENT. A SPACE FOR STORAGE OF THE PORTABLE SUPPLY IS AVAILABLE IN THE LEFT END OF THE 1402 DIRECTLY UNDER THE PUNCH DRIVE MOTOR. THE PORTABLE SUPPLY CAN BE PLUGGED INTO ANY 220V RECEPTACLE AND IS USED THE SAME AS THE FIXED MARGINAL SUPPLY. CAUTION: PORTABLE SUPPLIES OF US ORIGIN ARE TO BE PLUGGED INTO 115V RECEPTACLE.

21. RUN READER AND PUNCH WITH NON-PROCESS RUNOUT KEY.

22. RUN READ WITH PROCESS UNIT. (PUT IN READ OF MANUALLY).

23. RUN PUNCH WITH PROCESS UNIT.

24. RUN PRINTER WITH PROCESS UNIT WITH NO INFORMATION IN THE PRINT AREA.

24A. CARRIAGE CONTROL SINGLE SHOT ADJUSTMENTS.

MAKE THESE ADJUSTMENTS ONLY IF THE 1403 IS BEING FIELD MERGED. OTHERWISE, PROCEED TO THE NEXT STEP.

A) 4.5 MILLISECOND SINGLE SHOT ADJUSTMENT. (LOGIC 36.43.21.2).

A TAG LOCATED ON THE 1403 TRANSLATOR HANDLE SHOWS THE TIMING FOR THE 4.5 MS SINGLE SHOT. ADJUST THE 4.5 MS SINGLE SHOT FOR THIS TIMING.

B) 16 MILLISECOND SINGLE SHOT ADJUSTMENT. (LOGIC 36.31.31.2).

SUBTRACT THE ACTUAL TIMING OF THE 4.5 MS SINGLE SHOT FROM 21.4. ADJUST THE 16 MS SINGLE SHOT FOR THIS TIMING.

C) 10 MS "CARRIAGE INTERLOCK" SINGLE SHOT ADJUSTMENT. (LOGIC 36.46.21.2).

SUBTRACT 1.7 MS FROM THE FINAL ADJUSTMENT OF THE 16 MS SINGLE SHOT. ADJUST THE 10 MS SINGLE SHOT FOR THIS TIMING.

24B. IF IT IS DESIRED TO TEST THE RESET CHECK CIRCUITS PROCEED TO THE REFERENCE MATERIAL STEP 2.0.

25. RUN COMBINATION OF CODES 3, 5, 6 AND 7.

✓ 26. REMOVE POWER AND INSTALL TAPE UNIT CABLES.

A) FOR C, D AND F SYSTEMS - WHEN 729 AND 7330 TAPE UNITS ARE INTERMIXED, CABLES CANNOT BE CROSS CONNECTED. I.E. EACH END OF ANY TAPE CABLE MUST CONNECT TO THE SAME TYPE TAPE UNIT ON EITHER END. THE FIRST TAPE UNIT IN THE SYSTEM MUST ALSO BE CONNECTED TO THE PROPER CONNECTOR IN THE PROCESSING UNIT. AFTER THE INITIAL CABLE HOOKUP HAS BEEN MADE AND CHECKED OUT, THE CONNECTORS ON EACH END OF THE CABLES MUST BE IDENTIFIED WITH "729" OR "7330" LABELS PROVIDED IN THE SYSTEM MAINTENANCE PACKAGE FOR THIS PURPOSE. (NOTE - 729 AND 7330 CABLES HAVE IDENTICAL CONSTRUCT.)

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- 27A. IF SYSTEM HAS TYPE 729 TAPE DRIVES APPLY POWER AND CHECK ROTATION OF MOTORS BY HITTING LOAD REWIND. IF THE HEAD DOES NOT COME DOWN, CHECK FOR VACUUM IN COLUMNS. IF AIR IS BLOWING OUT, THE PHASING IS REVERSED. IF AIR IS BEING SUCKED IN, PHASING IS CORRECT AND SOMETHING ELSE IS PREVENTING THE HEAD FROM COMING DOWN. IF ROTATION IS INCORRECT, TURN OFF ALL POWER TO SYSTEM (LINE POWER INCLUDED) AND REVERSE ANY TWO PHASES AT CIRCUIT BREAKER NO. 2 IN THE 1402 (REFER TO 1402 LOGICS FOR DIAGRAM-SEC 1A).
NOTE: ON MOD D SYSTEMS, CIRCUIT BREAKER IS LOCATED 02B8.
TURN POWER ON AND RECHECK ROTATION.
- 27B. IF SYSTEM HAS TYPE 7330 TAPE DRIVES,
- A) CLEAN TRANSPORT AND CHAMBER.
 - B) CHECK 7330 POWER CONTROL SWITCHES OFF.
 - C) INSTALL TERMINATOR SHOE.
CAUTION: DO NOT, AT ANY TIME, TURN POWER ON WITHOUT A TERMINATOR SHOE INSTALLED ON THE 7330. DO NOT PLACE THE TERMINATOR SHOE ON THE 1401.
 - D) TURN ON 1401 MAIN LINE POWER.
 - E) TURN ON 7330 POWER CONTROL SWITCHES.
 - F) CHECK: READ BUS SIGNAL LEVEL, WRITE CIRCUIT FEED THROUGH, SKEW AND TRACKING AS PER 7330 C. E. REFERENCE MANUAL.
28. CHECK TAPE OPERATION FROM THE C. E. CONSOLE (02A1)
- A) WRITE TAPE WITH TERMINAL AT A26 ON PIN A FOR CONTINUOUS WRITING, ON PINS B, C, AND D FOR WRITING WITH GAPS AND ON PIN J FOR 1 CHARACTER RECORDS.
 - B) WRITE TAPE MARK.
 - C) BACK SPACE AND READ 1 RECORD TO CHECK TAPE INDICATE.
 - D) REWIND AND READ.
29. CHECK TAPES WITH PROCESS UNIT,
- A) MANUAL TAPE OF WRITE.
 - B) MANUAL TAPE OF READ.
30. IF SYSTEM HAS EXPANDED MEMORY, RUN THE PROGRAMS SHOWN BELOW TO INSURE THAT THE 1406 SIGNAL CABLES CONTACTS ARE MAKING:
- A) FOR 8K SYSTEM, MANUALLY ENTER A "C" BIT IN LOCATION 7999 AND THEN ENTER L, 7999 7998, IN ANY MEMORY LOCATIONS. BY STARTING THE LOAD OP, THE ENTIRE MEMORY SHOULD BE LOADED WITH "C" BITS, STORAGE SCAN. MANUALLY ENTER C, A, B, 8, 4, 2, 1 INTO 7999. THEN PROCEED AS ABOVE BY LOADING C, A, B, 8, 4, 2, 1 INTO THE ENTIRE MEMORY. STORAGE SCAN.
 - B) FOR 12K SYSTEM, MANUALLY ENTER IN LOCATION 11,999 AND USING PROGRAM L 11,999 11,999, PROCEED AS IN STEP (A).
 - C) FOR 16K SYSTEM, MANUALLY ENTER IN LOCATION 15,999 AND USING PROGRAM L 15,999 15,998, PROCEED AS IN STEP (A).
31. RUN CE DIAGNOSTIC TEST AS OUTLINED IN THE DIAGNOSTIC TEST PROCEDURE BOOK.
32. IF SYSTEM HAS EXPANDED MEMORY, PERFORM A FULL STORAGE PRINT OUT.
33. IF SYSTEM HAS 1311 DISK STORAGE DRIVES - REFER TO 1311 CUSTOMER ENGINEERING REFERENCE MANUAL (NUMBER 227-5649-X) AND ITS SUPPLEMENT (NUMBER 227-5758-X) SECTION 1.2.X FOR COMPLETE INSTALLATION INSTRUCTIONS AND CHECKOUT PROCEDURES.

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34. 1401 METER CHECKOUT PROCEDURE

IMPORTANT NOTE:

NOT MORE THAN 50 HOURS ALLOWED TEST TIME ON ANY OF THE METERS.

A) MANUALLY ENTER THE FOLLOWING PROGRAM, STARTING IN LOCATION 444. 444-1 B 445

B) 1402 CHECKOUT:

RUN CARDS OUT OF READER AND PUNCH. DEPRESS CHECK RESET ON 1402. START PROGRAM AT LOCATION 444. CPU METER SHOULD RUN FOR 400 MILLISECONDS. PLACE BLANK CARDS IN THE READER. DEPRESS START KEY. BOTH METERS SHOULD RUN. DEPRESS STOP KEY. BOTH METERS SHOULD STOP. SWITCH TO C.E. MODE ON 1401 METER PANEL. DEPRESS START KEY. ONLY C.E. METER SHOULD RUN. DEPRESS STOP KEY. SWITCH BACK TO CUSTOMER MODE. DEPRESS START KEY. BOTH METERS SHOULD RUN. DEPRESS STOP KEY. OPEN FRONT AND SIDE COVERS ON 1402. TURN ON OVERRIDE INTERLOCK SWITCH AND TURN THE "ON LINE-OFF LINE" SWITCH TO "OFF LINE". DEPRESS START KEY. ONLY CPU METER SHOULD RUN. DEPRESS STOP KEY. TURN "ON LINE-OFF LINE" BACK TO "ON LINE". TURN OVERRIDE INTERLOCK SWITCH OFF. CLOSE COVERS. REMOVE CARDS FROM READ HOPPER AND PERFORM A NON-PROCESS RUN-OUT. DEPRESS CHECK RESET ON 1402, THEN PRESS START KEY. ONLY THE CPU METER SHOULD RUN. DEPRESS STOP KEY.

C) MANUALLY INSERT A PUNCH OP. (4) INTO LOCATION 444. REFER TO SECTION IB AND PERFORM THESE STEPS FOR THE PUNCH SIDE.

D) 1403 CHECK-OUT:

MANUALLY ENTER A PRINT OP (2) IN ADDRESS 444.

WITH NO FORMS IN THE 1403, START THE PROGRAM AT 444. DEPRESS START KEY. CPU METER SHOULD RUN FOR 400 MILLISECONDS. INSERT FORMS IN 1403 AND DEPRESS START. BOTH THE CPU METER AND THE 1403 METER SHOULD RUN. DEPRESS STOP KEY. BOTH METERS SHOULD STOP. DEPRESS START KEY. BOTH METERS SHOULD RUN. DEPRESS SPACE KEY ON 1403. 1403 METER SHOULD STOP WHILE CPU METER SHOULD CONTINUE TO RUN. RESTART PROGRAM AT 444 AND BOTH METERS SHOULD RUN. DEPRESS CARRIAGE RESTORE KEY ON 1403. 1403 METER SHOULD STOP WHILE CPU METER SHOULD CONTINUE TO RUN. DEPRESS STOP KEY. SWITCH TO C.E. MODE ON THE 1401 METER. DEPRESS START KEY. ONLY THE C.E. METER ON THE 1401 SHOULD RUN. DEPRESS STOP KEY. C.E. METER SHOULD STOP. SWITCH BACK TO CUSTOMER MODE. DEPRESS START KEY ONLY. CPU METER SHOULD RUN.

THIS PROCEDURE CHECKS TO SEE THAT THE METER RUN LINE WILL NOT DROP OUT ON OPERATIONS THAT INVOLVE LONG PROCESS TIME BEFORE AN I/O OPERATION. MANUALLY ENTER THE FOLLOWING PROGRAM STARTING IN LOCATIONS 444, 774 AND 885.

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444  NN1A  777888          B 4668852
      B 447L777888B 444
774  0001
885  0001

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START PROGRAM AT ADDRESS 444 AND SCOPE THE OUTPUT OF THE 400 MILLISECONDS SINGLE SHOT. THE SINGLE SHOT SHOULD REMAIN ON.

ALTER THE TWO NUMBERS OP. AND READ OP. INST, AT LOCATION 444-446 TO F 1 2 AND REPEAT THE PROCEDURE. THE SAME RESULTS SHOULD OCCUR.

E) 1404 CHECK-OUT:

WITH T-CASTING IN PLACE ON THE FORMS SIDE, PERFORM THE STEPS LISTED IN SECTION ID. WHEN THESE CHECKS HAVE BEEN COMPLETED, SHIFT T-CASTING TO CARD FEED SIDE. MANUALLY ENTER THE FOLLOWING PROGRAM STARTING AT LOCATION 444.

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F 1 B 444  B 450

```

PLACE BLANK CARDS IN THE HOPPER. START THE PROGRAM AT LOCATION 444. WHEN CARDS BEGIN ARRIVING IN THE STACKER DEPRESS STOP KEY RESTART THE PROGRAM AT LOCATION 450. BOTH THE CPU METER AND THE 1404 METER SHOULD RUN.

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34. (CONTINUED)

DEPRESS STOP KEY. BOTH METERS SHOULD STOP. SWITCH TO CE MODE ON THE CPU METER PANEL. DEPRESS START KEY. ONLY THE CE METER SHOULD RUN. DEPRESS STOP KEY. SWITCH BACK TO CUSTOMER MODE. REMOVE CARDS FROM HOPPER AND PERFORM A NON-PROCESS RUN-OUT. DEPRESS CHECK RESET ON THE 1404. DEPRESS START KEY. ONLY THE CPU METER SHOULD RUN. DEPRESS STOP KEY. CPU METER SHOULD STOP.

F) TAPE DRIVE CHECK-OUT:

ENTER THE FOLLOWING PROGRAM STARTING IN LOCATION 444.

444

M % U 1 453 W B 452 _ (USE CE TAPE).

LOAD TAPE ON TAPE DRIVE 1 AND LEAVE DRIVE IN AN "NOT READY STATUS". START PROGRAM AT 444. ONLY CPU METER SHOULD RUN.

MAKE DRIVE 1 READY. BOTH METERS SHOULD RUN. DEPRESS RESET KEY ON TAPE DRIVE. BOTH METERS SHOULD CONTINUE TO RUN.

DEPRESS STOP KEY. BOTH METERS SHOULD STOP. SWITCH TO CE MODE ON 1401 METER. DEPRESS START KEY. ONLY CE METER SHOULD RUN. DEPRESS STOP KEY. CE METER SHOULD STOP. SWITCH BACK TO CUSTOMER MODE. REWIND TAPE DRIVE AND MAKE READY. DEPRESS START KEY. ONLY CPU METER SHOULD RUN. DEPRESS STOP KEY. RESTART PROGRAM AT 444. DEPRESS STOP KEY. UNLOAD TAPE DRIVE. DEPRESS START KEY. ONLY CPU METER SHOULD RUN.

REPEAT THIS PROCEDURE FOR EACH DRIVE ON THE SYSTEM.

G) 1311 CHECK-OUT:

WITH ALL 1311 DRIVES ON THE SYSTEM UNLOADED AND ALL METER SWITCHES ON THE DRIVES OFF, START THE PROGRAM AT LOCATION 450 (450=B 450). ONLY THE CPU METER SHOULD RUN. DEPRESS STOP KEY. TURN ON METER SWITCH ON ALL FILES ON THE SYSTEM. LOAD A DISK PACK ON A DRIVE AND MAKE THE DRIVE READY. DEPRESS SYSTEM START KEY. BOTH CPU METER AND 1311 METERS SHOULD RUN. (MASTER AND SAT. WITH PACK ON ONLY). WITH CPU STILL RUNNING, TURN ALL METER SWITCHES OFF. METERS SHOULD CONTINUE TO RUN UNTIL STOP KEY IS DEPRESSED. WITH ALL METER SWITCHES OFF, DEPRESS START KEY. ONLY CPU METER SHOULD RUN. DEPRESS STOP KEY. TURN ALL METER SWITCHES ON. SWITCH TO CE MODE ON CPU METER PANEL. DEPRESS START KEY. ONLY CE METER SHOULD RUN. DEPRESS STOP KEY. SWITCH BACK TO CUSTOMER MODE. UNLOAD DRIVE THAT HAS PACK ON IT. DEPRESS START KEY. ONLY CPU METER SHOULD RUN. DEPRESS STOP KEY.

H) 1405 CHECK-OUT:

TURN METER SWITCH ON THE 1405 TO THE OFF POSITION. START PROGRAM AT LOCATION 450 (B 450). ONLY CPU METER SHOULD RUN. DEPRESS STOP KEY. TURN METER SWITCH ON 1405 TO THE ON POSITION. DEPRESS START KEY. BOTH METERS SHOULD RUN. DEPRESS STOP KEY. BOTH METERS SHOULD STOP. SWITCH TO CE MODE ON CPU METER PANEL. DEPRESS START KEY. ONLY CE METER SHOULD RUN. DEPRESS STOP KEY. SWITCH BACK TO CUSTOMER MODE.

I) 1407 CHECK-OUT:

TURN THE METER ON-OFF SWITCH ON THE 1407 TO THE OFF POSITION. START THE BRANCH LOOP PROGRAM AT LOCATION 450. ONLY THE CPU METER SHOULD RUN. DEPRESS STOP KEY. TURN METER ON-OFF SWITCH TO THE ON POSITION. DEPRESS START KEY. BOTH METERS SHOULD RUN. DEPRESS STOP KEY. SWITCH TO CE MODE ON THE CPU METER PANEL. DEPRESS START KEY. ONLY THE CE METER SHOULD RUN. DEPRESS STOP KEY. SWITCH BACK TO CUSTOMER MODE. DEPRESS START KEY. BOTH METERS SHOULD RUN. TURN THE METER ON-OFF SWITCH TO THE OFF POSITION. BOTH METERS SHOULD CONTINUE RUNNING. DEPRESS STOP KEY, THEN START KEY. ONLY THE CPU METER SHOULD RUN. DEPRESS STOP KEY. TURN METER ON-OFF SWITCH TO OFF POSITION. PLACE MODE SWITCH IN ALTER POSITION. TRY TO ENTER INFORMATION IN STORAGE USING TYPEWRITER KEYBOARD. SHOULD BE LOCKED UP.

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J) ALL SERIAL I/O DEVICES:

MAKE I/O DEVICE READY. ENTER A PROGRAM TO CALL FOR THE I/O DEVICE FOLLOWED BY A BRANCH LOOP. EXAMPLE:

444

M % XXXXXWB452_.

START THE PROGRAM RUNNING. BOTH CPU METER AND THE I/O METER SHOULD RUN. DEPRESS STOP KEY. BOTH METERS SHOULD STOP. SWITCH TO CE MODE ON THE CPU METER PANEL. DEPRESS START KEY ONLY. THE CE METER SHOULD RUN. DEPRESS STOP KEY. SWITCH BACK TO CUSTOMER MODE. CLEAR THE I/O DEVICE. (EXAMPLE: 1012-- DEPRESS TAPE FEED KEY). DEPRESS START KEY. ONLY CPU METER SHOULD RUN. DEPRESS STOP KEY.

REFERENCE MATERIAL
FOR 60 CYCLE SYSTEMS ONLY

1.0 TO CHANGE THE SYSTEM FROM 208V TO 230V COMPLETE THE FOLLOWING:

1401

- A) EXPANDED BULK REGULATOR (ALL MODELS EXCEPT A)
GATE 02A3 - MOVE WIRE OR WIRES ON BULK REGULATOR TB-4 TO TB-5.
- B) 1250 WATT REGULATOR. LOCATED IN THE LEFT SIDE OF THE 1402. ON MODEL D SYSTEMS LOCATED ON GATE 02A7. MOVE THE WIRE ON THE 1250 WATT REGULATOR TB-4 TO TB-5.
- C) 115V AC ISOLATION TRANSFORMER. LOCATED BEHIND THE RELAY PANEL ASSEMBLY IN THE 1402. ON MODEL D SYSTEMS LOCATED IN 02B7-8 GATE AREA. REMOVE THE WIRE ON THE TRANSFORMER SOLDER TERMINAL 6 AND SOLDER TO TERMINAL 7. ON LATER MODEL D MACHINES TERMINAL 7 IS WIRED TO TERMINAL POSITION 7 OF THE 8 POSITION BLOCK NEAR THIS TRANSFORMER. ON THESE MACHINES REMOVE THE WIRE ON TERMINAL POSITION 6 OF THIS BLOCK AND INSTALL ON TERMINAL 7.
- D) 24V AC STEP DOWN TRANSFORMER. LOCATED IN THE 1402 BEHIND THE FUSE PANEL. (DOES NOT EXIST ON SYSTEMS BELOW 20,000) ON MODEL D SYSTEMS LOCATED IN 02B7-8 GATE AREA. REMOVE THE WIRE ON STEP DOWN TRANSFORMER TB POSITION 2 AND INSTALL ON TB POSITION 3.
- E) -60V AT 10 AMP OR -60V AT 20 AMP SUPPLY. LOCATED IN THE BACK OF THE 1402. ON MODEL D MACHINES LOCATED IN GATE AREA 01B4. REMOVE WIRE FROM VR1-4 AND INSTALL ON VR1-5. (VR1 IS THE 12 POSITION TERMINAL BLOCK LOCATED TO THE BOTTOM OF THIS UNIT.)
- F) 3V MARGINAL CHECK SUPPLY. (EXCEPT PORTABLE SUPPLIES) LOCATED IN THE LEFT END OF THE 1402. LOCATED IN GATE 02A8 ON MODEL D. REMOVE WIRE ON MC POWER SUPPLY POSITION VR1-4 AND INSTALL ON POSITION VR1-5. (THIS WIRING CHANGE IS MADE INTERNALLY OF THE SUPPLY ASSEMBLY DIRECTLY ON THE TRANSFORMER.)

1406

- A) 415 WATT REGULATOR IN 1406 GATE 06B8. (NOT ON EARLIER SYSTEMS) REMOVE WIRE FROM TB POSITION 4 AND INSTALL ON TB POSITION 5.

1403

- A) ONLY THE CHAIN MOTOR IS AFFECTED. WIRE TB7 AS PER WIRING DIAGRAM PAGE 01.09.1.

1405

- A) CHANGE TRANSFORMER TAPS FOR 3 TRANSFORMERS AS SHOWN ON LOGIC PAGES 75.58.11 AND 75.58.21.

1407

- A) NO CHANGE REQUIRED.

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7330

A) REFER TO 729 SERVICE AID CEM - NUMBER 246.

729

A) ADD F/B 352075. THIS BILL INCLUDES A 230V TO 208V STEPDOWN TRANSFORMER.

1311

MOD IV AND MOD II

REFER TO CUSTOMER ENGINEERING REFERENCE MANUAL SUPPLEMENT (NUMBER 227-5758-X) FIGURE 1-3.

METER DEVICES

A) METER POWER SUPPLY (ALL CONFIGURATIONS ONLY THE INPUT AC POWER TO THE TRANSFORMER IS CHANGED. MOVE WIRE FROM TB-AC-4 TO TB-AC-5.

1.01 FOR 50 CYCLE SYSTEMS ONLY

1401

A) IF IT IS NECESSARY TO CHANGE THE 1402 OR ON MODEL D THE 1401 FROM 220V TO 380V AND VICE VERSA REFER TO FBM 4064750.

1406

A) NO CHANGE REQUIRED.

1403

A) LOOK FOR FBM 4121780

1405

A) LOOK FOR DESCRIPTION NO: 4064211 EN AND FOR WIRING DIAGRAM NO. 4064220.

1407

A) NO CHANGE REQUIRED.

7330

A) LOOK FOR WIRING DIAGRAM 73.50.20.2 PART NO. 2092503.

729

A) IF IT IS NECESSARY TO CHANGE TO 220V LOOK FOR 8013923.
IF IT IS NECESSARY TO CHANGE TO 380V LOOK FOR 8013924.

1311

A) MACHINE HAS A SEPRATE POWER CORD AND 220V SINGLE PHASE INPUT.

METER DEVICES

A) METER POWER SUPPLY ALL CONFIGURATIONS ONLY THE INPUT AC POWER TO THE TRANSFORMER IS CHANGED; MOVE WIRE FROM TB -AC-4 TO TB-AC-5, (ALWAYS 220V, NO CHANGE REQUIRED.)

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- 1.1 IF IT IS NECESSARY TO CHANGE THE SYSTEM FROM 230V TO 208V REVERSE THE INSTRUCTIONS IN STEP 1.0 ABOVE.
- 1.2 IF A VOLTAGE CHANGE IS MADE ON THE SYSTEM ENTER AN MES ORDER SO THAT RECORDS WILL BE PROPERLY UPDATED.
- 1.3 PROCEED NEXT TO STEP 16.
- 2.0 RUN PRINTER WITH PROCESS UNIT WITH NO INFORMATION IN THE PRINT AREA.
- 2.1 IF THE 1401 MACHINE NO. IS 10000-20000, PROCEED NEXT TO STEP 2.3.
- 2.2 IF THE 1401 MACHINE NO. IS 20000-AND ABOVE, SKIP STEP 2.3 AND PROCEED NEXT TO STEP 2.4.
- 2.3 TEST RESET CHECK CIRCUIT AS FOLLOWS:
 - A) CLEAR THE ENTIRE PRINT AREA AND EXECUTE A PRINT OPERATION WITH THE SCOPE SYNC ON C17N +U NOT FIRST SCAN GOING PLUS ON 36.35.11.1 (01A6).
 - B) SCOPE BO3N AND BO4N ON GATE 01B5, LOGIC 36.37.51.1 SHOULD GO TO +T WHEN NOT PRINTING AND -T WHEN PRINTING. SCOPE DO3H, G AND DO4G LOGIC 36.37.41.1 AND CO4H, G AND DO4H LOGIC 36.39.91.1 THEY SHOULD BE AT +T WHEN NOT PRINTING. WHEN PRINTING, THEY WILL GO +T IN THE HALF OF A SUBSCAN JUST PRIOR TO THE TIME 1/6 OF THE HAMMERS MAY BE OPTIONED TO PRINT (SIX RESETS PER PRINT SCAN).
 - C) SCOPE PIN E OF TRIGGER IN E21 ON 01B5, LOGIC 36.37.51.1 SHOULD TURN ON (GO TO +U) 110 USEC AFTER SYNC GOES POSITIVE. SHOULD TURN OFF 220 USEC AFTER IT TURNS ON. PATTERN SHOULD REPEAT ITSELF EVERY 555 USEC WHILE PRINTING.
 - D) SCOPE PIN E OF TRIGGER IN F20 ON 01B5, LOGIC 36.37.51.1 SHOULD TURN ON (GO TO +U) 190 USEC AFTER SYNC GOES POSITIVE. SHOULD TURN OFF 220 USEC AFTER IT TURNS ON. PATTERN SHOULD REPEAT ITSELF EVERY 555 USEC WHILE PRINTING.
 - E) IF ABOVE TRIGGERS ARE OPERATING PROPERLY, PROCEED TO STEP F. IF NOT, THE HAMMER DRIVER RESETS ARE NOT WORKING PROPERLY. CHECK LOGIC ON 36.37.41.1 TO GET RESETS WORKING PROPERLY. THEN REPEAT STEPS C AND D THEN PROCEED TO F IF C AND D ARE O.K.
 - F) SCOPE PIN G OF F02 ON 01B5 (LOGIC 36.37.51.1) FOR THE FOLLOWING STEPS.
 - G) BEING VERY CAREFUL, TIE PIN E OF TRIGGER IN E21 TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCK 4B ON 36.37.51.1, AND PIN G OF F02 ON 01B5 SHOULD GO TO +U AND STAY THERE BECAUSE THE RESET CHECK LATCH HAS BEEN "SET" WHICH WILL HOLD ALL THE HAMMER DRIVERS RESET. AFTER REMOVING CLIP LEAD, RESET THE LATCH WITH THE I-O CHECK RESET SWITCH.
 - H) TIE E21H TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCK 4C AND RESULT SHOULD BE AS FOR STEP G. RESET LATCH AS FOR STEP G.
 - I) TIE F20E TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCK 4D AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET LATCH AS FOR STEP G.
 - J) TIE F20H TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCK 4E AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET LATCH AS FOR STEP G.
 - K) A WITH PRINT STORAGE - TIE E20B TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCK 3F AND 4F AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET LATCH AS FOR STEP G.
 B WITHOUT PRINT STORAGE - TIE F15B TO "GROUND" WITH CLIP LEAD WHILE EXECUTING A PRINT OPERATION. THIS CHECKS LOGIC BLOCK 2G AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET LATCH AS FOR STEP G.
 - L) A WITH PRINT STORAGE - OPEN T-FRAME ON 1403 WHILE EXECUTING THE ABOVE PRINT OPERATION WITH THE PRINT AREA CLEAR. THIS CHECKS LOGIC BLOCKS 5J AND 6J ON LOGIC 36.31.01.1 (GATE 01A6). RESULT SHOULD BE THE SAME AS FOR STEP G. RESET THE LATCH WITH THE I-O CHECK RESET SWITCH.

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- B) WITHOUT PRINT STORAGE - OPEN T-FRAME ON 1403 WHILE EXECUTING THE ABOVE PRINT OPERATION WITH THE PRINT AREA CLEAR. THIS CHECKS LOGIC BLOCKS 4J, 5J, AND 6J ON LOGIC 36.31.01.1 (GATE 01A6) AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET THE LATCH WITH THE I-O CHECK RESET SWITCH.
- M) TRY TO PRINT IN ONE POSITION ONLY. IF O.K., EXPAND THE PRINT FIELD. AFTER PRINTING IN ALL POSITIONS CHECK TO SEE THAT THE -60V HAMMER RESPONSE COMMON FUSES (2) ARE NOT BLOWN. IF FUSES HAVE BLOWN AND BLOW A SECOND TIME, CHECK FOR GROUNDS ON THE HAMMER RESPONSE LINES.
- N) PROCEED NEXT TO STEP 25.

2.4 TEST RESET CHECK CIRCUIT AS FOLLOWS:

- A) CLEAR THE ENTIRE PRINT AREA AND EXECUTE A PRINT OPERATION WITH THE SCOPE SYNC ON C11N -T NOT FIRST SCAN GOING NEGATIVE ON 36.35.11.2 (01A6).
- B) SCOPE B03N AND B04N ON GATE 01B5, LOGIC 36.37.51.2 SHOULD GO TO +T WHEN NOT PRINTING AND -T WHEN PRINTING. SCOPE D03H, G AND D04G LOGIC 36.37.41.2 AND C04H, G AND D04H LOGIC 36.39.91.2. THEY SHOULD BE AT +T WHEN NOT PRINTING. WHEN PRINTING, THEY WILL GO +T IN THE HALF OF A SUBSCAN JUST PRIOR TO THE TIME 1/6 OF THE HAMMERS MAY BE OPTIONED TO PRINT (SIX RESETS PER PRINT SCAN).
- C) SCOPE PIN E OF TRIGGER IN E21 ON 01B5, LOGIC 36.37.51.2 SHOULD TURN ON (GO TO +U) 110 USEC AFTER SYNC GOES NEGATIVE. SHOULD TURN OFF 220 USEC AFTER IT TURNS ON. PATTERN SHOULD REPEAT ITSELF EVERY 555 USEC WHILE PRINTING.
- D) SCOPE PIN E OF TRIGGER IN F20 ON 01B5, LOGIC 36.37.51.2 SHOULD TURN ON (GO TO +U) 190 USEC AFTER SYNC GOES NEGATIVE. SHOULD TURN OFF 220 USEC AFTER IT TURNS ON. PATTERN SHOULD REPEAT ITSELF EVERY 555 USEC WHILE PRINTING.
- E) IF ABOVE TRIGGERS ARE OPERATING PROPERLY, PROCEED TO STEP F, IF NOT THE HAMMER DRIVER RESETS ARE NOT WORKING PROPERLY. CHECK LOGIC ON 36.37.41.2 TO GET RESETS WORKING PROPERLY. THEN REPEAT STEPS C AND D. THEN PROCEED TO F IF C AND D ARE O.K.
- F) SCOPE PIN G OF F02 ON 01B5 (LOGIC 36.37.51.2) FOR THE FOLLOWING STEPS.
- G) BEING VERY CAREFUL, TIE PIN E OF TRIGGER IN E21 TO "GROUND" WITH CLIP LEAD. THIS CHECKS BLOCK 4B AND 36.37.51.2 AND PIN G OF F02 ON 01B5. SHOULD GO TO +U AND STAY THERE BECAUSE THE RESET CHECK LATCH HAS BEEN "SET" WHICH WILL HOLD ALL THE HAMMER DRIVERS RESET. AFTER REMOVING CLIP LEAD, RESET THE LATCH WITH THE I-O CHECK RESET SWITCH.
- H) TIE E21H TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCK 4C AND RESULT SHOULD BE AS FOR STEP G. RESET LATCH AS FOR STEP G.
- I) TIE F20E TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCK 4D AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET LATCH AS FOR STEP G.
- J) TIE F20H TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCK 4E AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET LATCH AS FOR STEP G.
- K) A) WITH PRINT STORAGE - TIE E20B TO "GROUND" WITH CLIP LEAD. THIS CHECKS LOGIC BLOCKS 3F AND 4F AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET LATCH AS FOR STEP G.
 B) WITHOUT PRINT STORAGE - TIE F15B TO "GROUND" WITH CLIP LEAD WHILE EXECUTING A PRINT OPERATION. THIS CHECKS LOGIC BLOCK 2G AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET LATCH AS FOR STEP G.
- L) A) WITH PRINT STORAGE - OPEN T-FRAME ON 1403 WHILE EXECUTING THE ABOVE PRINT OPERATION WITH THE PRINT AREA CLEAR. THIS CHECKS BLOCK 6G (OR 6F) LOGIC 36.31.11.2 (GATE 01A6) AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET THE LATCH WITH THE I-O CHECK RESET SWITCH.
 B) WITHOUT PRINT STORAGE - OPEN T-FRAME ON 1403 WHILE EXECUTING THE ABOVE PRINT OPERATION WITH THE PRINT AREA CLEAR. THIS CHECKS LOGIC BLOCK 6G ON LOGIC 36.31.11.2 (GATE 01A6) AND RESULT SHOULD BE THE SAME AS FOR STEP G. RESET THE LATCH WITH THE I-O CHECK RESET SWITCH.

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- M) TRY TO PRINT IN ONE POSITION ONLY. IF O.K., EXPAND THE PRINT FIELD. AFTER PRINTING IN ALL POSITIONS CHECK TO SEE THAT THE -60V HAMMER RESPONSE COMMON FUSES (2) ARE NOT BLOWN. IF FUSES HAVE BLOWN AND BLOW A SECOND TIME, CHECK FOR GROUNDS ON THE HAMMER RESPONSE LINES.
- N) PROCEED NEXT TO STEP 25.

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TITLE	LOGIC #	GATE
10X10 MATRIX SWITCH-8K REF. DWG.	1406	42.60.21.2
1401 TIMING & VOLTAGE DIST REF DWG		42.40.33.2
1403 POWER PLUG		23.04.11.2
1403 SUMMARY CONNECTOR #1		21.04.01.2
1403 SUMMARY CONNECTOR #1		21.04.11.2
1403 SUMMARY CONNECTOR #2		22.04.01.2
1403 SUMMARY CONNECTOR #2		22.04.11.2
1406 4K DRIVER TERM RES REF. DWG.	1406	42.70.41.2
1406 8K DRIVER TERM RES. REF. DWG.	1406	42.60.41.2
1406 TIMING & VOLTAGE DIST REF. DWG.	1406	42.40.63.2
1ST AND 2ND B CYCLE TRIGGERS		34.31.13.2
2A COMPARE LATCHES		44.19.31.2
2K STORAGE BLOCK DIAGRAM REF DWG		42.41.12.2
3-6 PUNCH DECODE		36.23.21.2
3-6 PUNCH DECODE		36.23.21.2
4K STORAGE BLOCK DIAGRAM REF DWG		42.41.11.2
4K STORAGE BLOCK DIAGRAM REF. DWG.	1406	42.71.11.2
5X10 MATRIX SWITCH REF DWG		42.40.21.2
5X10 MATRIX SWITCH-4K REF. DWG.	1406	42.70.21.2
8K STORAGE BLOCK DIAGRAM REF. DWG.	1406	42.61.11.2
8X10 MATRIX SWITCH REF DWG		42.40.31.2
8X10 MATRIX SWITCH-4K REF. DWG.	1406	42.70.31.2
8X10 MATRIX SWITCH-8K REF. DWG.	1406	42.60.31.2
A AND B REGISTER CHECK LATCHES		35.30.31.2
A AUX CYCLE LATCH		44.14.11.2
A AUX STAR GATE IN AND OUT CONTROLS		44.13.01.2
A AUX STAR RESET CONTROLS		44.16.21.2
A BIT ZONE ADDER		34.33.13.2
A COMPARE LATCHES		44.19.21.2
A CYCLE ELIMINATE LATCH		44.11.11.2
A CYCLE ELIMINATION		31.06.11.2
A CYCLE LATCH		31.25.11.2
A LATCH AND 2A LATCH		44.12.11.2
A REG AND B REG WM		35.14.61.2
A REG INHIBIT CONTROL		35.18.41.2
A REG SET 1 2 4		41.50.91.2
A REG SET 82C AND ARITH WM LATCH		35.18.61.2
A REG SET B CD A B CZ		41.51.01.2
A REG SET UNITS A B CZ		41.51.11.2
A REG TRANSLATOR ADDER COMPARE		44.19.01.2
A REGISTER SET		75.01.08.2
A REGISTER CHECK MATRIX		35.30.11.2
A REGISTER DISPLAY DRIVE		35.30.51.2
A REGISTER COMBINED BITS 21		35.16.51.2
A REGISTER COMBINED BITS 84		35.16.71.2
A REGISTER COMBINED BITS AB		35.16.81.2
A REGISTER COMBINED BITS NOT 21		35.16.61.2
A REGISTER TRANSLATOR		34.32.12.2
A REGISTER TRUE COMPLEMENT		34.32.13.2
A STAR CONTROL HUNDREDS AND GATE OUT		32.32.21.2
A STAR CONTROL UNITS AND TENS		32.32.11.2
A STAR READ IN & STORE CYCLE 1 2 3		41.50.51.2
A68 REG SET AND RESET		35.10.51.2
ACTIVATE STORAGE DECODE	1406	42.67.01.2
ADD CTRL ARITH RDR RVRS SCAN RDR		34.31.16.2
ADDER CARRY		34.31.14.2
ADDER CARRY AND OVERFLOW		34.31.15.2
ADDER CONTROL-RECOMPLEMENT READR TR		34.31.17.2

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TITLE	LOGIC #	GATE
ADDER DOUBLER COMPARE	44.19.11.2	02A7
ADDR REG DR AND THOUSANDS C DISPLAY	32.40.31.2	01A7
ADDR REG VAL CHECK LATCH AND CTRLS	32.44.31.2	01A8
ADDRESS MODIFY OP CODE	44.02.02.2	01B1
ADDRESS MODIFY UNITS A BIT	42.62.01.2	01A8
ADDRESS MODIFY UNITS B BIT	42.62.03.2	01A8
ADDRESS MODIFY UNITS C ZONE BIT	42.62.02.2	01A8
ADDRESS STOP CONTROL SEC 1	32.49.21.2	01A8
ADDRESS STOP CONTROL SECT. 2	32.49.31.2	01A8
ADDRESS STOP INPUT SWITCHING SECT. 1	32.49.11.2	01A8
ALL SCAN COMP AND PRT OR CARR BUSY	36.01.11.2	01A6
ALL SCAN COMP-PRE-CARR BUSY NUMERIC	36.01.11.2	01A6
ALL SCANS COMPLETE	36.01.11.2	01A6
ALL SCANS COMPLETE NUMERIC	36.01.11.2	01A6
ARITHMETIC INHIBIT CONTROL	35.18.51.2	01A3
ARITHMETIC MODIFY CONTROLS GEN	1406 42.65.01.2	06B4
AUTO SCAN CONTROL-1	32.31.11.2	01A7
AUTO SCAN CONTROL-2	32.31.21.2	01A7
AUX STAJ SET LATCH	44.11.01.2	02B7
AUX STAR 1 CTRL UNITS TENS HDS	44.15.21.2	02A7
AUX STAR 2 CTRL UNITS TENS HDS	44.15.31.2	02A7
AUX STAR 4 CTRL UNITS TENS HDS	44.15.41.2	02A7
AUX STAR 8 CTRL UNITS TENS HDS	44.15.51.2	02A7
AUX STAR A CTRL UNITS HUNDREDS	44.15.71.2	02A7
AUX STAR B CTRL UNITS HUNDREDS	44.16.01.2	02A7
AUX STAR CD CTRL UNITS TENS HDS	44.15.61.2	02A7
AUX STAR CZ CTRL UNITS HUNDREDS	44.16.11.2	02A7
B AUX CYCLE LAT	44.14.31.2	02B7
B AUX STAR GATE IN AND OUT CONTROLS	44.15.11.2	02A7
B AUX STAR RESET CONTROLS	44.16.31.2	02A7
B CYCLE LATCH	31.26.11.2	01B2
B GREATER OR LESS THAN A CONTROL	44.34.11.2	02A8
B GREATER OR LESS THAN A CONTROL	44.34.11.2	01B7
B REG AND A REG 1 BIT	35.11.21.2	01A3
B REG AND A REG 2 BIT	35.11.61.2	01A3
B REG AND A REG 4 BIT	35.12.21.2	01A3
B REG AND A REG 8 BIT	35.12.61.2	01A3
B REG AND A REG BIT A	35.13.21.2	01A3
B REG AND A REG BIT B	35.13.61.2	01A3
B REG BLANK AND COMBINED BITS AB	35.16.31.2	01A3
B REG DIGIT GENERATION	44.10.21.2	02B7
B REG INH CONT SECT 3 AND FORCE B 2	35.18.31.2	01A3
B REG INHIBIT CONT	35.18.11.2	01A3
B REG INHIBIT CONT SECT 2	35.18.21.2	01A3
B REGISTER ADJUST PRINT	36.33.11.2	01A6
B REGISTER ADJUST PRINT NUMERIC	36.33.11.2	01A6
B REGISTER CHECK MATRIX	35.30.21.2	01B6
B REGISTER DIST. AND IND DISPLAY	35.30.41.2	01B6
B REGISTER PLANE 9-14	35.15.51.2	01A3
B REGISTER COMBINED BITS 21	35.16.11.2	01A3
B REGISTER COMBINED BITS 84	35.16.21.2	01A3
B REGISTER TRANSLATOR	34.32.11.2	01B3
B STAR CONTROL GATE OUT	32.33.31.2	01A7
B STAR CONTROL TENS AND HUNDREDS	32.33.21.2	01A7
B STAR CONTROL UNITS	32.33.11.2	01A7
B STAR READ IN	41.50.61.2	02B6
TENS DECODE SWITCH	42.54.11.2	01A1
BACKSPACE	TAU 89.60.40.1	00XA

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110324V

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BINARY ADDER	34.32.14.2	01B3
BIT COMPARE MATRIX	34.21.11.2	01B6
BIT TEST	41.10.11.2	01B6
BIT TEST OPR	41.10.21.2	01B1
BRANCH ON READER AND PUNCH BUSY	74.21.41.2	02B1
BUFFER CLOCK	46.37.21.2	01A5
BUFFER DISPLAY LINES	46.36.01.2	01A5
BUFFER MEMORY PULSES	46.37.31.2	01A5
BUFFER REGIS. ER ADJUST PRINT	36.33.11.2	01A6
BUFFER REGISTER ADJUST PRINT NUMERIC	36.33.11.2	01A6
C BIT ZONE ADDER	34.33.14.2	01B3
C E PANEL SYNC POINTS	37.31.21.2	01A2
CARR INLK LAT MAG DRIVS INDS	36.48.31.2	01B1
CARR STOP TR AND START SS	36.48.21.2	01B1
CARRIAGE OPR REGISTER	36.46.11.2	01B1
C. BIT GENERATOR	35.17.11.2	01A3
CHANNEL 9 AND 12 LATCHES	36.43.31.2	01B1
CHANNEL BRUSH REGISTER	36.43.11.2	01B1
CHANNEL BRUSH ENCODE 1 AND 2	36.42.11.2	01B1
CHANNEL BRUSH ENCODE 4 AND 8	36.42.21.2	01B1
CHAR REG TERMINATION & DISTRIBUTION	75.01.07.2	02A8
CHARACTER CONTROL LATCHES	74.31.31.2	02B1
CHECK LATCHES	36.14.11.2	01B4
CHECK PLANE ENTRY	36.17.31.2	01B7
CHECK PLANE ENTRY	36.17.31.2	01B7
CHECK RESET CONTROL	34.21.51.2	01B6
CHECKING ALTERNATE CYCLE CONTROL	36.17.11.2	01B7
CHECKING ALTERNATE CYCLE CONTROL	36.17.11.2	01B7
CHECKING INHIBIT & ERROR GATES	36.17.41.2	01B7
CHECKING INHIBIT & ERROR GATES	36.17.41.2	01B7
CHECKING ROW BIT CONTROL	36.17.21.2	01B7
CHECKING ROW BIT CONTROL	36.17.21.2	01B7
CLEAR B FIELD LAT AND SET PROD LAT	44.11.41.2	02B7
CLOCK CONTROL SECTION 1	31.10.11.2	01B3
CLOCK CONTROL SECTION 2	31.10.12.2	01B3
CLOCK TIMING CONTROLS	71.31.11.2	02A1
CLOCK TIMING CONTROLS	71.31.21.2	02A1
COL BIN MODIFIER CONTROL	41.11.51.2	02B8
COL BIN PCM DECODES HOLE COUNT	41.23.21.2	02B8
COL BIN PUNCH DECODE MATRIX	41.23.11.2	02B8
COL BIN READ ENCODE	41.23.31.2	02B8
COM GATE SET SIGN AND I-E CHANGE	44.13.01.2	02B7
COMP COUNTER 2 & BIT DECODE NUMERIC	36.34.51.2	01A6
COMP CTR. & A. B BIT DECODE NUMERIC	36.34.61.2	01A6
COMP WD 1ST AND 2ND B BIT	44.70.41.2	02B6
COMP WD CYCLE CTL	44.70.31.2	02B6
COMPARE CHECK	89.50.30.1	00XC
COMPARE COUNTER	36.34.41.2	01A6
COMPARE COUNTER CONTROLS	36.34.31.2	01A6
COMPARE COUNTER CONTROLS NUMERIC	36.34.31.2	01A6
COMPARE COUNTER NUMERIC	36.34.41.2	01A6
COMPARE EQUAL LATCH AND CONTROL	34.21.21.2	01B6
COMPLEMENT AND SET A TRANS OUTPUT	44.13.11.2	02B7
COMPRESSED WORD OP CODE	44.70.11.2	01B1
COMPRESSED WORD CTL	44.70.21.2	02B6
CONTROL SIGNALS CABLE DRIVE	75.01.03.2	02A8
CONTROL SIGNALS CABLE DRIVE	75.01.02.2	02A8
CFU DATA CABLE DRIVE	75.01.01.2	02A8

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LOGIC #

GATE

110324V

CTRL SIGNAL TERMINATION & DIST.	75.01.06.2	02A8
CTRL SIGNAL TERMINATION&DIST.	75.01.09.2	02A8
CURRENT DRIVERS AND CURRENT SOURCES	42.57.11.2	01A1
CURRENT DRIVERS AND CURR'NT SOURCES 1406	42.67.11.2	06B1
CURRENT DRIVERS AND CURRENT SOURCES 1406	42.77.11.2	06B9
DELAY COUNTER	TAU 89.30.40.1	00XB
DELAY COUNTER	TAU 89.30.41.1	00XB
DELAY COUNTER	TAU 89.30.42.1	00XB
DELAY COUNTER	TAU 89.30.43.1	00XB
DELAY COUNTER GATING	TAU 89.30.50.1	00XB
DELAY COUNTER GATING	TAU 89.30.51.1	00XB
DELAY COUNTER GATING	TAU 89.30.52.1	00XB
DELAY COUNTER GATING	TAU 89.30.53.1	00XB
DELAY COUNTER GATING	TAU 89.30.54.1	00XB
DELAY COUNTER GATING	TAU 89.30.55.1	00XB
DELAY COUNTER RESET TRIGGER RESET	TAU 89.30.31.1	00XB
DELAY COUNTER DRIVE	TAU 89.30.20.1	00XB
DELTA A AUX CYCLE LATCH	44.14.01.2	02B7
DELTA A CYCLE	31.22.11.2	01B2
DELTA B AUX CYCLE LATCH	44.14.21.2	02B7
DELTA B CYCLE	31.23.11.2	01B2
DELTA CYCLE CONTROL	31.20.11.2	01B2
DELTA I CYCLE	31.21.11.2	01B2
DELTA OVERLAP & OVERLAP CY LATCHES	74.31.21.2	02B1
DELTA PROCESS CONTROL PRINT NUMERIC	36.31.61.2	01A6
DELTA PROCESS CONTROL PRINT	36.31.61.2	01A6
DELTA PROCESS CONTROL PRINT	36.31.61.2	01A6
DELTA PROCESS CONTROL PRINT NUMERIC	36.31.61.2	01A6
DISTRIBUTION SECTION 1	35.10.11.2	01A3
DISTRIBUTION SECTION 1	35.10.11.2	01A3
DISTRIBUTION SHEET	32.40.11.2	01A7
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PSS COUNTER ADVANCES NUMERIC	36.34.21.2	01A6
PSS COUNTER ADJUST CONTROL TRIGGERS	36.34.11.2	01A6
PSS COUNTER CONTROL GATES	36.34.41.2	01A6
PSS COUNTER CONTROL GATES NUMERIC	36.34.41.2	01A6
PSS COUNTER CONTROL TRIGGERS NUMERIC	36.34.11.2	01A6
PSS COUNTER CONTROLS	36.34.21.2	01A6
PSS COUNTER CONTROLS NUMERIC	36.34.21.2	01A6
PSS COUNTER NUMERIC	36.34.11.2	01A6
PSS COUNTER NUMERIC	36.34.31.2	01A6
PSS MEMORY RING	36.31.21.2	01A6
PSS MEMORY RING	36.31.21.2	01A6
PSS MEMORY RING NUMERIC	36.31.21.2	01A6
PSS MEMORY RING NUMERIC	36.31.21.2	01A6
PSS TRIGGER	36.31.01.2	01A6
PSS TRIGGER	36.31.01.2	01A6
PSS TRIGGER NUMERIC	36.31.01.2	01A6
PSS TRIGGER NUMERIC	36.31.01.2	01A6
PULSE DISTRIBUTION	44.10.11.2	02B7
PULSE DISTRIBUTION AND FEED THRU	44.10.01.2	02B7
PUNCH CB GENERATION	36.21.11.2	01B4
PUNCH CHECK DECODE	36.23.41.2	01B7
PUNCH CHECK DECODE	36.23.41.2	01B7
PUNCH DECODE	36.23.11.2	01B7
PUNCH DECODE	36.23.11.2	01B7
PUNCH DECODE	36.23.31.2	01B7
PUNCH DECODE	36.23.31.2	01B7
PUNCH DRIVER RESET	36.28.11.2	01B7
PUNCH DRIVER RESET	36.28.11.2	01B7
PUNCH DRIVE TENS	36.28.21.2	01B7
PUNCH DRIVE TENS	36.28.21.2	01B7
PUNCH FEED	36.24.11.2	01B4
PUNCH MATRIX 0-1	36.29.11.2	01B7
PUNCH MATRIX 0-1	36.29.11.2	01B7
PUNCH MATRIX 2-3	36.29.21.2	01B7
PUNCH MATRIX 2-3	36.29.21.2	01B7

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PUNCH MATRIX 4-5		36.29.31.2	01B7
PUNCH MATRIX 4-5		36.29.31.2	01B7
PUNCH MATRIX 6-7		36.29.41.2	01B7
PUNCH MATRIX 6-7		36.29.41.2	01B7
PUNCH MATRIX 8-9		36.29.51.2	01B7
PUNCH MATRIX 8-9		36.29.51.2	01B7
PUNCH SCAN GENERATION		36.22.11.2	01B4
PUNCH SCAN COMPLETE		36.01.21.2	01B4
QUI BINARY DOUBLER		44.18.11.2	02A7
QUI-BINARY VALIDITY CHECK MATRIX		34.32.19.2	01B6
QUI-BINARY VALIDITY CHECK LATCH		34.32.29.2	01B6
QUI-BINARY DOUBLER CARRY TRIGGER		44.18.21.2	02A7
QUI-BINARY DOUBLER ENTRY		44.18.01.2	02A7
QUIN ADDER Q0 Q2 Q4 Q6 Q8 NOT CARRY		34.32.14.2	01B3
QUINARY ADDER OUTPUT		34.32.17.2	01B3
QUINARY ADDER-Q0 Q2 Q4 Q6 CARRY		34.32.15.2	01B3
RD PCH COL BIN LATCH		41.11.21.2	02B8
RD PCH COL BIN TRIGGER		41.11.11.2	02B8
RD-PCH COL BIN MAR CONTROL		41.11.31.2	02B8
READ A REG VRC	TAU	89.50.10.1	00XC
READ CLOCK	TAU	89.10.20.1	00XB
READ CLOCK GATING	TAU	89.10.30.1	00XB
READ CLOCK GATING	TAU	89.10.31.1	00XB
READ CLOCK DRIVE	TAU	89.10.10.1	00XB
READ CONDITION	TAU	89.60.20.1	00XA
READ DELAY CONTROL	TAU	89.30.10.1	00XB
READ FEED		36.10.11.2	01B4
READ GATING		70.61.21.2	02A2
READ GATING		70.61.21.2	02A2
READ GATING		70.61.31.2	02A2
READ GATING		70.61.31.2	02A2
READ GATING		70.61.41.2	02A2
READ GATING		70.61.41.2	02A2
READ GATING		71.61.11.2	02A1
READ JMP CB LOGIC		36.10.21.2	01B4
READ PUNCH RELEASE		36.70.21.2	01B4
READ PUNCH INDICATION		36.18.11.2	01B4
READ RECOGNITION	TAU	89.40.60.1	00XC
READ RECOGNITION	TAU	89.40.61.1	00XA
READ SCAN COMPLETE		36.01.31.2	01B4
READ SCAN GENERATION		36.11.11.2	01B4
READ WRITE VRC	TAU	89.50.20.1	00XC
REFERENCE DRAWING		73.00.00.2	02A2
REG A AND REG B C BIT PSN	TAU	89.40.23.1	00XC
REG A AND REG B 1 AND 2 BIT PSNS	TAU	89.40.20.1	00XC
REG A AND REG B 4 AND 8 BIT PSNS	TAU	89.40.21.1	00XC
REG A AND REG B A AND B BIT PSMS	TAU	89.40.22.1	00XC
REVERSE SCAN		31.04.11.2	01B2
R-W REGISTER BIT POSITION	TAU	89.40.90.1	00XC
R-W REGISTER BIT POSITION	TAU	89.40.91.1	00XC
R-W REGISTER BIT POSITION	TAU	89.40.92.1	00XC
ROW BIT CORE 6 RD BRSM CONN REF DWG		42.40.51.1	01A1
ROW BIT CORE 6 OR MAG CONN REF DWG		42.40.52.1	01A1
SEL-READY RD-WRITE	TAU	89.60.10.1	00XA
SELECT & READY	TAU	89.60.01.1	00XA
SENSE SWITCHES OPTIONAL		34.22.11.2	01B6
SERIAL DISTRIBUTION SECTION I		32.41.11.2	01A9
SERIAL DISTRIBUTION SECTION II		32.41.21.2	01A9

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SERIAL DISTRIBUTION SECTION III		32.41.31.2	01A8
SERIAL DISTRIBUTION SECTION IV		32.41.41.2	01A8
SERIAL GATE 1 AND 2 BITS		32.39.21.2	01A7
SERIAL GATE 4 AND 8 BITS		32.39.31.2	01A7
SERIALIZING GATE CD AND HCZ		32.39.41.2	01A7
SERIALIZING GATE HA AND HB		32.39.51.2	01A7
SET STARS AND ADDER CARRY		44.13.31.2	02B7
SET UP A REG CONTROL		36.12.21.2	01B4
SET UP ADDR CONTROL		36.12.11.2	01B4
SIGN CONTROL AND B BIT ZONE ADDER		34.33.12.2	01B3
SIGN TRIGGER		44.11.31.2	02B7
SIGNAL DISTRIBUTION SHEET		36.49.11.2	01B1
SINGLE CYCLE PRINT CONTROLS NUMERIC		36.35.21.2	01A6
SINGLE CYCLE PRINT CONTROLS		36.35.21.2	01A6
SINGLE CYCLE PRINT CONTROLS		36.35.21.2	01A6
SINGLE CYCLE PRINT CONTROLS NUMERIC		36.35.21.2	01A6
SKEW ERROR & A REG VRC	TAU	89.50.51.1	00XA
SOCKET RESERVATIONS	TAU	89.90.11.9	00XB
SOCKET RESERVATIONS	TAU	89.90.12.8	00XC
SOCKET RESERVATIONS	TAU	89.90.12.9	00XC
SOCKFT RESERVATIONS	TAU	89.90.10.8	00XA
SOCKFT RESERVATIONS	TAU	89.90.10.9	00XA
SPACE COUNTER		36.46.21.2	01B1
SPACE SKIP REGISTER		36.44.11.2	01B1
SPACE SKIP COMPARE EQUAL		36.45.11.2	01B1
SPECIAL CHARACTER COMPARE		44.31.11.2	02A8
SPECIAL CHARACTER COMPARE		44.31.11.2	01B7
STACKER SELECT		36.50.11.2	01B4
START		31.01.11.2	01B2
STOP BRUSH INTEGRATION		36.41.11.2	01B1
STOP BRUSH INTEGRATION		36.41.21.2	01B1
STOP I-O ATTACHMENT		73.11.83.2	01B6
STOP SS TRIGGER		36.48.11.2	01B1
STOR ADDRESSING HB LOCATION C14-D14		32.37.41.2	01A7
STOR ADDRESSING HA LOCATION C16-D16		32.38.11.2	01A7
STOR ADDRESSING HB LOCATION C17-D17		32.38.21.2	01A7
STOR ADDRESSING HCD LOCATION C15-D15		32.37.31.2	01A7
STOR ADDRESSING HCZ LOCATION C18-D18		32.38.31.2	01A7
STORAGE ADDR MANUAL CONTROL & RESET		32.30.11.2	01A7
STORAGE ADDRESS U1 LOCATION C01-D 1		32.35.11.2	01A7
STORAGE ADDRESS T1 LOCATION C06-D 6		32.36.11.2	01A7
STORAGE ADDRESS H1 LOCATION C11-D11		32.37.11.2	01A7
STORAGE ADDRESS U2 LOCATION C02-D 2		32.35.21.2	01A7
STORAGE ADDRESS T2 LOCATION C07-D 7		32.36.21.2	01A7
STORAGE ADDRESS H2 LOCATION C12-D12		32.37.21.2	01A7
STORAGE ADDRESS U4 LOCATION C03-D 3		32.35.31.2	01A7
STORAGE ADDRESS T4 LOCATION C08-D 8		32.36.31.2	01A7
STORAGE ADDRESS U8 LOCATION C04-D 4		32.35.41.2	01A7
STORAGE ADDRESS T8 LOCATION C09-D 9		32.36.41.2	01A7
STORAGE ADDRESS UA LOCATION C19-D19		42.61.01.2	01A7
STORAGE ADDRESS UB LOCATION C21-D21		42.61.03.2	01A7
STORAGE ADDRESS UCD LOCATION C05-D 5		32.35.51.2	01A7
STORAGE ADDRESS TCD LOCATION C10-D1		32.36.51.2	01A7
STORAGE ADDRESS UCZ LOCATION C20-D2		42.61.02.2	01A7
STORAGE ADDRESSING M4LOCATIONC13-D13		32.37.31.2	01A7
STORAGE CLOCK PULSES Z1 Z2		31.12.94.2	01B3
STORAGE CONTROL PULSE GENERATION	1406	42.67.02.2	06B4
STORAGE CORE FRAME REF. DWG.	1406	42.60.11.2	06B1

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TITLE	REFERENCE ONLY LOGIC #	00.00.00.2 GATE
STORAGE CORE FRAME REF. DWG.	1406 42.70.11.2	06B5
STORAGE CORE FRAMES REF DWG	42.40.11.2	01A1
STORE CONTROLS	41.51.41.2	02B6
STORE CYCLE DRIVERS	41.50.31.2	02B6
STORE I STAR	41.51.51.2	02B6
STORE INDEX CONTROL	41.51.31.2	02B6
STORE INDEX CYCLE TRIGGERS	41.50.21.2	02B6
STORE INDEX CYCLE TRIG GATES	41.50.11.2	02B6
STOR. CLOCK PULSES R1 R2 R3 STROBE A	31.12.93.2	01B3
SW CORE DRIVE TERM RES 4K REF DWG	42.40.41.1	01A1
SW CORE DRIVE TERM RES 2K REF DWG	42.40.42.2	01A1
SWITCH MODE	37.30.11.2	01A2
SWITCH MODE IJ	37.30.12.2	01A2
SWITCH MODE-INQUIRY MACH ONLY	37.30.11.2	01A2
SWITCHES AND INDICATORS CONSOLE	37.31.11.2	01A2
SWITCHES CONSOLE LOWER PANEL	37.10.11.2	01A2
SWITCHES LOWER PANEL	37.30.31.2	01A2
SWITCHES MANUAL ADDRESS THOUSANDS	37.30.22.2	01A2
SWITCHES MANUAL ADDRESS UNITS & TENS	37.30.21.2	01A2
T TIME 000-015 015-045	31.12.22.2	01B3
T TIME 000-030 030-060	31.12.12.2	01B3
T TIME 030-105 075-105 75-000	31.12.41.2	01B3
T TIME 045-060 015-030 060-075	31.12.31.2	01B3
T TIME 045-075 U TIME 0 60	31.12.92.2	01B3
T TIME 060-000 075-090 030-090	31.12.32.2	01B3
T TIME 060-090	31.12.11.2	01B3
T TIME 090-000	31.12.21.2	01B3
T TIME 090-105 105-000	31.12.42.2	01B3
T TIME 090-030 U TIME 075-105	31.12.91.2	01B3
TAPE AND RP OVERLAP MODE LATCHES	74.21.01.2	02B1
TAPE OVERLAP CONTROL INTERLOCK	74.41.11.2	02B1
TAPE UNIT LINES	TAU 89.60.50.1	00XA
TAPE UNIT LINES	TAU 89.60.51.1	00XA
TENS ADDRESS DECODE	36.38.41.2	01B5
TENS DECODE SWITCH	1406 42.64.11.2	06B1
TENS DECODE SWITCH	1406 42.74.11.2	06B5
TENS HAMMER DRIVE	36.38.31.2	01B5
TENS RING SWITCHES	46.10.81.2	01A4
TENS RING SWITCHES AND INHIBIT TERM	46.10.91.2	01A4
TIE DOWN LIST REFERENCE DRAWING	42.40.10.2	01A1
TRANSFER PROGRAM	75.01.09.2	02A8
TRANSFER PROGRAM SKIP	34.21.41.2	01B6
TRANSFER SCAN MAR CONTROL	56.12.11.2	01B7
TRANSLATE AND CHECK DIGIT	34.32.18.2	01B3
TRUE COMPLEMENT	34.31.12.2	01B3
TRUE COMPLEMENT BINARY ENTRY	44.18.31.2	02A7
TRUE COMPLEMENT ANALYSIS	34.31.11.2	01B3
TRUE COMPLEMENT QUINARY ENTRY	44.18.41.2	02A7
T TIME 000-015 060-090	31.12.61.2	01B3
U TIME 000-030 030-060 T TIME 000-6	31.12.51.2	01B3
U TIME 030-045 045-060 60-075	31.12.71.2	01B3
U TIME 105-000 090-000	31.12.62.2	01B3
U0-U4 HAMMER DRIVE	36.38.01.2	01B5
U5-U9 HAMMER DRIVE	36.38.11.2	01B5
UNIT PLUGGING CHART	TAU 89.90.11.1	00XB
UNIT PLUGGING CHART	TAU 89.90.12.1	00XC
UNIT PLUGGING CHART	TAU 89.90.51.1	00XA
UNIT PLUGGING CHART	31.01.20.2	01B2

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UNIT PLUGGING CHART	31.10.20.2	01B3
UNIT PLUGGING CHART	31.31.30.2	01B6
UNIT PLUGGING CHART	32.30.20.2	01A7
UNIT PLUGGING CHART	32.36.02.2	01A8
UNIT PLUGGING CHART	35.10.20.2	01A3
UNIT PLUGGING CHART	35.20.20.2	01B1
UNIT PLUGGING CHART	36.01.10.2	01A6
UNIT PLUGGING CHART	36.01.20.2	01B4
UNIT PLUGGING CHART	36.17.20.2	01B7
UNIT PLUGGING CHART	36.17.20.2	01B7
UNIT PLUGGING CHART	36.30.20.2	01A6
UNIT PLUGGING CHART	36.30.20.2	01A6
UNIT PLUGGING CHART	36.30.30.2	01A6
UNIT PLUGGING CHART	36.37.10.2	01B5
UNIT PLUGGING CHART	37.10.10.2	01A2
UNIT PLUGGING CHART	41.10.10.2	02B8
UNIT PLUGGING CHART	41.50.00.2	02B6
UNIT PLUGGING CHART	42.53.20.2	01A1
UNIT PLUGGING CHART	1406 42.63.00.2	06B1
UNIT PLUGGING CHART	1406 42.64.00.2	06B4
UNIT PLUGGING CHART	1406 42.73.10.2	06B5
UNIT PLUGGING CHART	44.15.10.2	02A7
UNIT PLUGGING CHART	44.30.01.2	01B7
UNIT PLUGGING CHART	44.30.02.2	02A8
UNIT PLUGGING CHART	44.44.10.2	02B7
UNIT PLUGGING CHART	ERM 46.10.10.2	01A4
UNIT PLUGGING CHART	46.36.20.2	01A5
UNIT PLUGGING CHART	46.51.00.2	01A5
UNIT PLUGGING CHART	70.10.11.2	02A2
UNIT PLUGGING CHART	71.10.11.2	02A1
UNIT PLUGGING CHART	73.11.82.2	02A2
UNIT PLUGGING CHART	74.11.10.2	02B1
UNITS ADDRESS DECODE	36.38.51.2	01B5
UNITS DECODE SWITCH	42.53.11.2	01A1
UNITS DECODE SWITCH	1406 42.63.11.2	06B1
UNITS DECODE SWITCH	1406 42.73.11.2	06B5
UNITS HAMMER DRIVE DISTRIBUTION	36.38.21.2	01B5
UNITS RING SWITCHES	46.10.71.2	01A4
UNITS ZONE SERIALIZING GATE	42.61.04.2	01A7
UTIME90-105 30-90 75-90 30-000 60 9	31.12.81.2	01B3
VALIDITY CHECK	36.13.31.2	01B4
VOLTAGE DISTRIBUTION	71.71.51.2	02A1
WRITE CLOCK	TAU 89.20.20.1	00XB
WRITE CLOCK AND DELAY COUNT DRIVE	TAU 89.20.10.1	00XB
WRITE CLOCK GATING	TAU 89.20.30.1	00XB
WRITE CONDITION	TAU 89.60.30.1	00XA
WRITE DELAY CONTROL	TAU 89.30.11.1	00XB
WRITE DISC TAPE MARK ERASE	TAU 89.60.31.1	00XA
WRITE GATING	70.51.21.2	02A2
WRITE GATING	70.51.21.2	02A2
WRITE GATING	70.51.31.2	02A2
WRITE GATING	70.51.31.2	02A2
WRITE GATING INPUT TO TAU	71.51.21.2	02A1
WRITE GATING-O REG. STORE A REG.	74.11.61.2	02B1
X POSITION LAT AND MULTIPLIER LAT	44.11.21.2	02B7
ZONE BIT GENERATOR	36.33.11.2	01B3

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PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
1401	LOGIC INDEX	1401 BA	724689	116749	42.53.10.2	1775 12.3.63
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
01 A1	42.40.11.2		STORAGE CORE FRAMES REF DWG	722594	110432F	37663A
01 A1	42.40.21.2		5X10 MATRIX SWITCH REF DWG	722655	112912	1129
01 A1	42.40.31.2		8X10 MATRIX SWITCH REF DWG	722656	112912	1129
01 A1	42.40.41.1		SW CORE DRIVE TERM RES 4K REF DWG	481375	112912	1129
01 A1	42.40.42.2		SW CORE DRIVE TERM RES 2K REF DWG	722657	112912	1129
01 A1	42.40.43.2		INH DR TERM RESISTOR REF DWG	722596	112912	1129
01 A1	42.40.51.1		ROW BIT CORE + RD BRSH CONN REF DWG	481376	112912	1129
01 A1	42.40.52.1		ROW BIT CORES + PR MAG CONN REF DWG	481377	112912	1129
01 A1	42.40.53.2		1401 TIMING + VOLTAGE DIST REF DWG	722595	112912	1129
01 A1	42.40.54.1		ROW BIT CORES + 1404 RD BRSH CONN	724526	116360	1661
01 A1	42.41.11.2		4K STORAGE BLOCK DIAGRAM REF DWG	722805	110432F	37663A
01 A1	42.41.12.2		2K STORAGE BLOCK DIAGRAM REF DWG	722659	110432F	37663A
01 A1	42.53.11.2		UNITS DECODE SWITCH	723780	116749	1775
01 A1	42.53.20.2		UNIT PLUGGING CHART	724692	112912	1129
01 A1	42.54.11.2		TENS DECODE SWITCH	723781	116749	1775
01 A1	42.55.11.2		HUNDREDS DECODE SWITCHES	723782	116749	1775
01 A1	42.56.11.2		HUNDREDS + THOUSANDS DECODE SWITCHES	723783	116749	1775
01 A1	42.57.11.2		CURRENT DRIVERS AND CURRENT SOURCES	723784	116749	1775
01 A1	42.58.11.2		INHIBIT DRIVERS	723785	116749	1775
01 A1	42.59.11.2		PRE-SENSE AND SENSE AMPLIFIERS -4K-	723786	116749	1775
01 A1	42.59.11.2		PRE-SENSE AND SENSE AMPLIFIERS-2K-	723770	116749	1775

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PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
6267	LOGIC INDEX	1401 BA	728700	118575B	37.00.00.2	604A 12.11.63
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
01 A2	21.04.01.2	1403 OR 1404	SUMMARY CONN#1 REF DWG	728702	118575B	604A
01 A2	21.04.11.2	1403 OR 1404	SUMMARY CONN#1 REF DWG	728702	118575B	604A
01 A2	22.04.01.2	1403 OR 1404	SUMMARY CONN#2 REF DWG	728702	118575B	604A
01 A2	22.04.11.2	1403 OR 1404	SUMMARY CONN#2 REF DWG	728702	118575B	604A
01 A2	23.04.11.2	1403	POWER PLUG 2 REF DWG	728702	118575B	604A
01 A2	24.04.11.2	1404	READ COMPARE CONN 2 REF DWG	728702	118575B	604A
01 A2	37.10.10.2		UNIT PLUGGING CHART	728701	114133	1370A
01 A2	37.10.11.2		SWITCHES CONSOLE LOWER PANEL	728703	114177A	1815A
01 A2	37.20.11.2		INDICATORS - CONSOLE	728704	114177A	1815A
01 A2	37.20.21.2		INDICATORS - CONSOLE	728705	114177A	1815A
01 A2	37.30.11.2		SWITCH MODE-INQUIRY MACH ONLY	728706	114177A	1815A
01 A2	37.30.11.2		SWITCH MODE	728707	114177A	1815A
01 A2	37.30.12.2		SWITCH MODE II	728708	114177A	1815A
01 A2	37.30.21.2		SWITCHES MANUAL ADDRESS UNITS & TENS	728709	114177A	1815A
01 A2	37.30.22.2		SWITCHES MANUAL ADDRESS THOUSANDS	728710	114177A	1815A
01 A2	37.30.31.2		SWITCHES LOWER PANEL	728711	114177A	1815A
01 A2	37.30.41.2		FEED THRU SHEET	728712	114177A	1815A
01 A2	37.31.11.2		SWITCHES AND INDICATORS CONSOLE	728713	114177A	1815A
01 A2	37.31.21.2		C E PANEL SYNC POINTS	728714	114177A	1815A
01 A2	37.41.11.2		REMOTE RECYCLE CONTROL REF DWG	724827	114141	1370F
01 A2	37.41.12.2		REMOTE RECYCLE CONTROL REF DWG	724828	114166	1664
01 A2	37.41.13.2		REMOTE RECYCLE CONTROL REF DWG	724829	114141	1370F
01 A2	71.71.11.2		MANUAL OPERATION-OPERATORS CONSOLE	728715	114177A	1815A
01 A2	77.01.01.2		INQUIRY-MODE MODIFY	728716	114177A	1815A

604 A
728700

PROJECT NO.	NAME	HACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
6267	LOGIC INDEX	1401	728719	114194	35.10.10.2	1917A 28.8.63
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	TA NO.	
01 A3	35.10.20.2	UNIT PLUGGING CHART	728720	114181	1815A	
01 A3	35.10.11.2	DISTRIBUTION SECTION 1	728721	114177	1771A	
01 A3	35.10.31.2	EDIT CONT	728722	114177	1771A	
01 A3	35.10.51.2	A+B REG SET AND RESET	728723	114194	1917A	
01 A3	35.11.11.2	INHIBIT 1	728724	114177	1771A	
01 A3	35.11.21.2	B REG AND A REG 1 BIT	728725	114177	1771A	
01 A3	35.11.51.2	INHIBIT 2	728726	114177	1771A	
01 A3	35.11.61.2	B REG AND A REG 2 BIT	728727	114177	1771A	
01 A3	35.12.11.2	INHIBIT 4	728728	114177	1771A	
01 A3	35.12.21.2	B REG AND A REG 4 BIT	728729	114177	1771A	
01 A3	35.12.51.2	INHIBIT 8	728730	114177	1771A	
01 A3	35.12.61.2	B REG AND A REG 8 BIT	728731	114177	1771A	
01 A3	35.13.11.2	INHIBIT A	728732	114177	1771A	
01 A3	35.13.21.2	B REG AND A REG BIT A	728733	114177	1771A	
01 A3	35.13.51.2	INHIBIT B	728734	114177	1771A	
01 A3	35.13.61.2	B REG AND A REG BIT B	728735	114177	1771A	
01 A3	35.14.11.2	INHIBIT C	728736	114177	1771A	
01 A3	35.14.51.2	INHIBIT WM	728737	114177	1771A	
01 A3	35.14.61.2	A REG AND B REG WM	728738	114177	1771A	
01 A3	35.15.11.2	INHIBIT C DIG AND C ZONE	728739	114177	1771A	
01 A3	35.15.51.2	B REGISTER PLANE 9-14	728740	114177	1771A	
01 A3	35.16.11.2	B REGISTER COMBINED BITS 21	728741	114177	1771A	
01 A3	35.16.21.2	B REGISTER COMBINED BITS 84	728742	114177	1771A	
01 A3	35.16.31.2	B REG BLANK AND COMBINED BITS AB	728743	114177	1771A	
01 A3	35.16.51.2	A REGISTER COMBINED BITS 21	728744	114177	1771A	
01 A3	35.16.61.2	A REGISTER COMBINED BITS NOT 21	728745	114177	1771A	
01 A3	35.16.71.2	A REGISTER COMBINED BITS 84	728746	114177	1771A	
01 A3	35.16.81.2	A REGISTER COMBINED BITS AB	728747	114177	1771A	
01 A3	35.17.11.2	C. BIT GENERATOR	728748	114177	1771A	
01 A3	35.17.51.2	INHIBIT CHECK SECTION 1	728749	114177	1771A	
01 A3	35.17.61.2	INHIBIT CHECK SECTION 2	728750	114177	1771A	
01 A3	35.17.71.2	INHIBIT CHECK LATCH	728751	114177	1771A	
01 A3	35.18.11.2	B REG INHIBIT CONT	728752	114194	1917A	
01 A3	35.18.21.2	B REG INHIBIT CONT SECT 2	728753	114177	1771A	
01 A3	35.18.31.2	B REG INH CONT SECT 3 AND FORCE 0 2	728754	114177	1771A	
01 A3	35.18.41.2	A REG INHIBIT CONTROL	728755	114177	1771A	
01 A3	35.18.51.2	ARITHMETIC INHIBIT CONTROL	728756	114177	1771A	
01 A3	35.18.61.2	A REG SET 82C AND ARITH WM LATCH	728757	114177	1771A	

728719

PROJECT NO.	NAME	MACH	PART NO.	E. C. NO.	LOGIC NO.	TA NO.
1401	LOGIC INDEX	1401 PF	482580	116739	46.10.00.2	1770A
						5.3.08
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E. C. NO.		TA NO.
01 A4	46.10.01.2	DISTRIBUTION SHEET	482875	116739		1770A
01 A4	46.10.10.2	UNIT PLUGGING CHART	722547	116739		1770A
01 A4	46.10.21.2	PRINT STORAGE LATCHES 1 2 4 8	482876	116739		1770A
01 A4	46.10.31.2	PRINT STORAGE LATCHES A B-C-WM	482877	116739		1770A
01 A4	46.10.41.2	PRINT STRG LTCHS WM-PEC PLC-EQC	482878	116739		1770A
01 A4	46.10.51.2	INHIBIT DRIVERS	482879	116739		1770A
01 A4	46.10.61.2	PRINT STORAGE SENSE AMPLIFIERS	482880	116739		1770A
01 A4	46.10.71.2	UNITS RING SWITCHES	482881	116739		1770A
01 A4	46.10.81.2	TENS RING SWITCHES	482882	116739		1770A
01 A4	46.10.91.2	TENS RING SWITCHES AND INHIBIT TERM	482883	116739		1770A
01 A4	46.11.01.2	HAMMER CHECK PLANE CONNECTIONS 1-33	482884	116739		1770A
01 A4	46.11.11.2	HAMMER CHECK PLANE CONNECTIONS 34-66	482885	116739		1770A
01 A4	46.11.21.2	HAMMER CHECK PLANE CONNECTIONS 67-99	482886	116739		1770A
01 A4	46.11.31.2	HAMMER CHECK PLANE CONNECTIONS 100-132	482887	116739		1770A
01 A4	46.11.41.2	PRINT STORAGE ARRAY	482888	109501		37597A

482580

199041

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
1401	LOGIC INDEX	1401 PF	805571	116730 ✓	46.36.10.2	1747
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	TA NO.	
01 AS	46.36.20.2	UNIT PLUGGING CHART	805572	116730 ✓	1747	
01 AS	46.36.21.2	SOCKET RESERVATIONS	724729	116730 ✓	1747	
01 AS	46.36.51.2	FEED THROUGH SHEET	805573	116730 ✓	1747	
01 AS	46.36.71.2	DISTRIBUTION SHEET	805574	116730 ✓	1747	
01 AS	46.36.81.2	BUFFER DISPLAY LINES	805575	116730 ✓	1747	
01 AS	46.36.91.2	PR PAR ERROR	805576	116730 ✓	1747	
01 AS	46.37.21.2	BUFFER CLOCK	805577	116730 ✓	1747	
01 AS	46.37.31.2	BUFFER MEMORY PULSES	805578	116730 ✓	1747	
01 AS	46.37.41.2	PRINT BUFFER UNITS RING U0-U4	805579	116730 ✓	1747	
01 AS	46.37.51.2	PRINT BUFFER UNITS RING U5-U9	805580	116730 ✓	1747	
01 AS	46.37.61.2	PRINT BUFFER TENS RING	805581	116730 ✓	1747	
01 AS	46.37.71.2	PRINT BUFFER RING DRIVE	805582	116730 ✓	1747	
01 AS	46.37.81.2	PRINT CONTROL CLOCK PULSES	805583	116730 ✓	1747	
01 AS	46.37.91.2	MEMORY SWITCH DRIVE	805584	116730 ✓	1747	
01 AS	46.51.11.2	DUAL SPEED CARR. SLOW BRUSH INTEGRA	805585	116730 ✓	1747	
01 AS	46.51.21.2	DUAL SPEED CARR. SLOW BRUSH LATCHES	805586	116730 ✓	1747	
01 AS	46.51.31.2	DUAL SPEED CARR. BRUSH COMPARE	805587	116730 ✓	1747	
01 AS	46.51.41.2	DUAL SPEED CARR. SPEED CONTROL	805588	116730 ✓	1747	

805571

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
4267	LOGIC INDEX	1401 PF	728796	1185758	36.30.10.2	604A 12.11.68
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
01 A6	36.01.11.2	AL6	SCAN COMP AND PRT OR CARR BUSY	728798	1185758	604A
01 A6	36.30.20.2		UNIT PLUGGING CHART	728797	1185758	604A
01 A6	36.31.01.2		PSS TRIGGER	728799	1141778	1795
01 A6	36.31.11.2		HOME AND RUN TRIGGERS	728800	1185758	604A
01 A6	36.31.21.2		PSS MEMORY RING	728801	1141778	1795
01 A6	36.31.31.2		PRINT READY TRIGGER AND SET 201	728802	114197	1965A
01 A6	36.31.41.2		PR SCAN PR SCAN COMP AND WM PR TRIG	728803	1185758	604A
01 A6	36.31.51.2		PR XFER AND PR XFER COMP TRS	728804	1185758	604A
01 A6	36.31.61.2		DELTA PROCESS CONTROL PRINT	728805	1141778	1795
01 A6	36.31.71.2		PRINT READY START + AFTER SPACE CTRL	728806	1141778	1795
01 A6	36.31.81.2		DISTRIBUTION SHEET 1 WM PR TRIG	728807	1141778	1795
01 A6	36.31.91.2		DISTRIBUTION SHEET 2	728808	1141778	1795
01 A6	36.33.11.2		BUFFER REGISTER ADJUST PRINT	728809	1141778	1795
01 A6	36.33.21.2		PRINT COMPARE	728810	1141778	1795
01 A6	36.34.11.2		PSS COUNTER ADJUST CONTROL TRIGGERS	728811	1141778	1795
01 A6	36.34.21.2		PSS COUNTER ADVANCES	728812	1141778	1795
01 A6	36.34.31.2		PSS COUNTER	728813	1141778	1795
01 A6	36.34.41.2		PSS COUNTER CONTROL GATES	728814	1141778	1795
01 A6	36.35.11.2		PRINT SCAN COUNTER	728815	1141778	1795
01 A6	36.35.21.2		SINGLE CYCLE PRINT CONTROLS	728816	1141778	1795
01 A6	36.37.11.2		HOME ERROR + PRINT LINE COMP CTRLS	728817	114197	1965A
01 A6	36.37.21.2		PRINT ERROR	728818	1141778	1795
01 A6	36.37.31.2		FEED THROUGH SHEET	728819	1141778	1795

728796

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
1659	LOGIC INDEX	1401	724549	116749F	32.30.10.2	1775 12.3.63
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
01 A7	32.30.11.2		STORAGE ADDR MANUAL CONTROL + RESET	724570	116749F	1775
01 A7	32.30.20.2		UNIT PLUGGING CHART	724548	116749A	1370F
01 A7	32.30.21.2		SOCKET RESERVATIONS	724914	116749F	1775
01 A7	32.31.11.2		AUTO SCAN CONTROL-1	724571	116749F	1775
01 A7	32.31.21.2		AUTO SCAN CONTROL-2	724572	116749F	1775
01 A7	32.32.11.2		A STAR CONTROL UNITS AND TENS	724573	116749F	1775
01 A7	32.32.21.2		A STAR CONTROL HUNDREDS AND GATE OUT	724574	116749F	1775
01 A7	32.33.11.2		B STAR CONTROL UNITS	724575	116749F	1775
01 A7	32.33.21.2		B STAR CONTROL TENS AND HUNDREDS	724576	116749F	1775
01 A7	32.33.31.2		B STAR CONTROL GATE OUT	724577	116749F	1775
01 A7	32.34.11.2		I STAR CONTROL UNITS AND TENS	724578	116749F	1775
01 A7	32.34.21.2		I STAR CONTROL HUNDREDS AND GATE OUT	724579	116749F	1775
01 A7	32.35.11.2		STORAGE ADDRESS U1 LOCATION C01-D01	724580	116749F	1775
01 A7	32.35.21.2		STORAGE ADDRESS U2 LOCATION C02-D02	724581	116749F	1775
01 A7	32.35.31.2		STORAGE ADDRESS U4 LOCATION C03-D03	724582	116749F	1775
01 A7	32.35.41.2		STORAGE ADDRESS U8 LOCATION C04-D04	724583	116749F	1775
01 A7	32.35.51.2		STORAGE ADDRESS UCD LOCATION C05-D05	724584	116749F	1775
01 A7	32.36.11.2		STORAGE ADDRESS T1 LOCATION C06-D06	724585	116749F	1775
01 A7	32.36.21.2		STORAGE ADDRESS T2 LOCATION C07-D07	724586	116749F	1775
01 A7	32.36.31.2		STORAGE ADDRESS T4 LOCATION C08-D08	724587	116749F	1775
01 A7	32.36.41.2		STORAGE ADDRESS T8 LOCATION C09-D09	724588	116749F	1775
01 A7	32.36.51.2		STORAGE ADDRESS TCD LOCATION C10-D10	724589	116749F	1775
01 A7	32.37.11.2		STORAGE ADDRESS H1 LOCATION C11-D11	724590	116749F	1775
01 A7	32.37.21.2		STORAGE ADDRESS H2 LOCATION C12-D12	724591	116749F	1775
01 A7	32.37.31.2		STORAGE ADDRESSING H4 LOCATION C13-D13	724592	116749F	1775
01 A7	32.37.41.2		STOR ADDRESSING H8 LOCATION C14-D14	724593	116749F	1775
01 A7	32.37.51.2		STOR ADDRESSING HCD LOCATION C15-D15	724594	116749F	1775
01 A7	32.38.11.2		STOR ADDRESSING HA LOCATION C16-D16	724595	116749F	1775
01 A7	32.38.21.2		STOR ADDRESSING HB LOCATION C17-D17	724596	116749F	1775
01 A7	32.38.31.2		STOR ADDRESSING HCD LOCATION C18-D18	724597	116749F	1775
01 A7	32.39.11.2		I STAR RESTORE GATE	724598	116749F	1775
01 A7	32.39.21.2		SERIAL GATE 1 AND 2 BITS	724599	116749F	1775
01 A7	32.39.31.2		SERIAL GATE 4 AND 8 BITS	724600	116749F	1775
01 A7	32.39.41.2		SERIALIZING GATE CD AND MCZ	724601	116749F	1775
01 A7	32.39.51.2		SERIALIZING GATE MA AND MB	724602	116749F	1775
01 A7	32.40.11.2		DISTRIBUTION SHEET	724603	116749F	1775
01 A7	32.40.21.2		FEED THRU SHEET	724604	116749F	1775
01 A7	32.40.31.2		ADDR REG DR AND THOUSANDS C DISPLAY	724605	116749F	1775
01 A7	42.61.01.2		STORAGE ADDRESS UA LOCATION C19-D19	724606	116749F	1775
01 A7	42.61.02.2		STORAGE ADDRESS UCZ LOCATION C20-D20	724607	116749F	1775
01 A7	42.61.03.2		STORAGE ADDRESS UB LOCATION C21-D21	724608	116749F	1775
01 A7	42.61.04.2		UNITS ZONE SERIALIZING GATE	724609	116749F	1775
01 A7	74.66.01.2		CF COMPARE ADDRESS SET UP	723774	116749F	1775

724549

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
6267	LOGIC INDEX	1401	728936	114177C	56.01.10.2	1795
						25.3.63
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.		TA NO.
01 AB	32.36.02.2	UNIT PLUGGING CHART	728937	114177C		1795
01 AB	32.41.11.2	SERIAL DISTRIBUTION SECTION I	728938	114177C		1795
01 AB	32.41.21.2	SERIAL DISTRIBUTION SECTION II	728939	114177C		1795
01 AB	32.41.31.2	SERIAL DISTRIBUTION SECTION III	728940	114177C		1795
01 AB	32.41.41.2	SERIAL DISTRIBUTION SECTION IV	728941	114177C		1795
01 AB	32.42.11.2	MODIFIER CTLS Y PLUS 1 AND MINUS 1	728942	114177C		1795
01 AB	32.42.21.2	MODIFIER CONTROLS II MOD+3+1-1	728943	114177C		1795
01 AB	32.42.31.2	MOD. CTLS III UNITS+TENS BOR. + CR	728944	114177C		1795
01 AB	32.42.41.2	MOD. CTLS IV THAN +140 CHAR CTRL	728945	114177C		1795
01 AB	32.43.11.2	MODIFIER-SECT 1 BIT	728946	114177C		1795
01 AB	32.43.21.2	MODIFIER SECT 2 BIT	728947	114177C		1795
01 AB	32.43.31.2	MODIFIER SECT. 4 BIT	728948	114177C		1795
01 AB	32.43.41.2	MODIFIER SECT. 6 BIT	728949	114177C		1795
01 AB	32.43.51.2	MODIFIER SECT A BIT	728950	114177C		1795
01 AB	32.43.61.2	MODIFIER SECT. B BIT	728951	114177C		1795
01 AB	32.43.71.2	MODIFIER SECT. C DIGIT BIT	728952	114177C		1795
01 AB	32.43.81.2	MODIFIER SECT. C2 BIT	728953	114177C		1795
01 AB	32.43.91.2	MODIFIER SECT. BORROW-CARRY BIT	728954	114177C		1795
01 AB	32.44.11.2	MODIFIER ODD DIGIT GENERATOR	728955	114177C		1795
01 AB	32.44.21.2	MODIFIER EVEN DIGIT GENERATOR	728956	114177C		1795
01 AB	32.44.31.2	MODIFIER ZONE CK GEN	728957	114177C		1795
01 AB	32.44.41.2	MODIFIER INVALID ADDRESS	728958	114177C		1795
01 AB	32.44.51.2	ADDR. REG VAL CHECK LATCH AND CTLS	728959	114177C		1795
01 AB	32.45.11.2	ADDRESS STOP INPUT SWITCHING SECT. 1	728960	114177C		1795
01 AB	32.45.21.2	ADDRESS STOP CONTROL SEC 1	728961	114177C		1795
01 AB	32.45.31.2	ADDRESS STOP CONTROL SECT. 2	728962	114177C		1795
01 AB	32.46.11.2	FEED THRU	728963	114177C		1795
01 AB	42.62.01.2	ADDRESS MODIFY UNITS A BIT	728964	114177C		1795
01 AB	42.62.02.2	ADDRESS MODIFY UNITS C ZONE BIT	728965	114177C		1795
01 AB	42.62.03.2	ADDRESS MODIFY UNITS B BIT	728966	114177C		1795
01 AB	42.62.04.2	DISTRIBUTION SHEET	728967	114177C		1795
01 AB	56.80.11.2	FIFTY ONE COLUMN SCAN CONTROL	728968	114177C		1795

728936

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
6235	LOGIC INDEX	1401	724557	118575C	35.20.10.2	604A 12.11.63
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	LOGIC NO.	TA NO.
01 B1	35.20.20.2	UNIT PLUGGING CHART	724556	117971		1990A
01 B1	35.20.21.2	SOCKET RESERVATIONS	728758	116789		1815A
01 B1	35.21.11.2	OP REGISTER LATCH	724610	116789		1815A
01 B1	35.22.11.2	OP NEG ZONE DECODE	724611	116789		1815A
01 B1	35.23.11.2	OP REGISTER UNITS DECODE 1	724612	116789		1815A
01 B1	35.23.21.2	OP REGISTER UNITS DECODE 2	724613	116789		1815A
01 B1	35.24.11.2	OPERATION CODES AB ZONE	724614	116789		1815A
01 B1	35.25.11.2	OPERATION CODES B NOT A ZONE	724615	116789		1815A
01 B1	35.26.11.2	OPERATION CODES A NOT B ZONE	724616	116789		1815A
01 B1	35.27.11.2	OPERATION CODES NOT AB ZONE	724617	116789		1815A
01 B1	35.28.11.2	EVEN PARITY OPERATIONS CHECK	724618	117239		1859
01 B1	35.28.21.2	ODD PARITY OPERATIONS CHECK	724619	116789		1815A
01 B1	35.28.31.2	OPERATIONS CHECK LATCH	724620	117951		1917A
01 B1	35.29.11.2	OPR REG DISPLAY DRIVE	724621	116789		1815A
01 B1	36.41.11.2	STOP BRUSH INTEGRATION	724622	117134		1859
01 B1	36.41.21.2	STOP BRUSH INTEGRATION	724623	116789		1815A
01 B1	36.42.11.2	CHANNEL BRUSH ENCODE 1 AND 2	724624	116789		1815A
01 B1	36.42.21.2	CHANNEL BRUSH ENCODE 4 AND 8	724625	116789		1815A
01 B1	36.43.11.2	CHANNEL BRUSH REGISTER	724626	117231		1859
01 B1	36.43.21.2	E2 TRIGGER AND CHANNEL REGISTER CTRL	724627	117479		1859
01 B1	36.43.31.2	CHANNEL 9 AND 12 LATCHES	724628	116789		1815A
01 B1	36.44.11.2	SPACE SKIP REGISTER	724629	118575C		604A
01 B1	36.45.11.2	SPACE SKIP COMPARE EQUAL	724630	116789		1815A
01 B1	36.46.11.2	CARRIAGE OPR REGISTER	724631	116789		1815A
01 B1	36.46.21.2	SPACE COUNTER	724632	117134		1859
01 B1	36.47.11.2	MANUAL CARRIAGE CTRL	724633	116789		1815A
01 B1	36.48.11.2	STOP SS TRIGGER	724634	116789		1815A
01 B1	36.48.21.2	CARR STOP TR AND START SSONE	724635	116789		1815A
01 B1	36.48.31.2	CARR INLK LAT MAG DRVS INDS	724636	118575C		604A
01 B1	36.49.11.2	SIGNAL DISTRIBUTION SHEET	724637	116789		1815A
01 B1	36.49.21.2	FEED THROUGH SHEET	724638	116789		1815A
01 B1	41.10.21.2	BIT TEST OPR	724639	116789		1815A
01 B1	41.52.31.2	INDEXING OPR CODES	724640	116789		1815A
01 B1	42.40.10.2	TIE DOWN LIST	724523			
01 B1	44.10.91.2	MULTIPLY AND DIVIDE OP CODES	724641	116789		1815A
01 B1	44.62.02.2	ADDRESS MODIFY OP CODE	724642	116789		1815A
01 B1	44.70.11.2	COMPRESSED WORD OP CODE	724643	116789		1815A
01 B1	46.51.71.2	DUAL SPEED CAR SP SK	724644	116789		1815A
01 B1	56.70.11.2	FEED AND PUNCH RELEASE OP CODES	724645	116789		1815A

6671 724557

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
6267	LOGIC INDEX	1401	729049	1185758	31.01.10.2	604A 12.11.63
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	TA NO.	
01 82	31.01.11.2	START	729051	114178	1771A	
01 82	31.01.20.2	UNIT PLUGGING CHART	729050	114182	1815A	
01 82	31.02.11.2	PROCESS CONTROL SECTION 1	729052	1185758	604A	
01 82	31.02.21.2	PROCESS CONTROL SECTION 2	729053	114178	1771A	
01 82	31.02.31.2	PROCESS CONTROL SECTION 3	729054	114178	1771A	
01 82	31.02.41.2	PROCESS CONTROL SECTION 4	729055	1185758	604A	
01 82	31.03.11.2	MANUAL CONTROLS SECTION 1	729056	114178	1771A	
01 82	31.03.21.2	MANUAL CONTROLS SECTION 2	729057	114178	1771A	
01 82	31.03.31.2	MANUAL CONTROLS SECTION 3	729058	114182	1815A	
01 82	31.04.11.2	REVERSE SCAN	729059	114182A	1815A	
01 82	31.05.11.2	I-E CHANGE SECTION 1	729060	114178	1771A	
01 82	31.05.21.2	I-E CHANGE SECTION 2	729061	114178	1771A	
01 82	31.05.31.2	I-E CHANGE SECTION 3	729062	114178	1771A	
01 82	31.06.11.2	A CYCLE ELIMINATION	729063	114178	1771A	
01 82	31.07.11.2	LOAD LATCH AND GATED WH	729064	114194	1917A	
01 82	31.08.11.2	PROGRAM SKIP LATCH	729065	114178	1771A	
01 82	31.09.11.2	PROCESS CHECK AND MAR KEY CONTROL	729066	114182	1815A	
01 82	31.09.21.2	I O OPERATIONS	729067	1185758	604A	
01 82	31.09.51.2	FEED THROUGH AND DISTRIBUTION SHEET	729068	114178	1771A	
01 82	31.20.11.2	DELTA CYCLE CONTROL	729069	114178	1771A	
01 82	31.21.11.2	DELTA I CYCLE	729070	114194	1917A	
01 82	31.22.11.2	DELTA A CYCLE	729071	114178	1771A	
01 82	31.23.11.2	DELTA B CYCLE	729072	114178	1771A	
01 82	31.24.11.2	I CYCLE LATCH	729073	114178	1771A	
01 82	31.25.11.2	A CYCLE LATCH	729074	114194	1917A	
01 82	31.26.11.2	B CYCLE LATCH	729075	114178	1771A	
01 82	31.30.11.2	I RING CONTROL	729076	114178	1771A	
01 82	31.31.11.2	I RING OP-1-2-3 DISTRIBUTION	729077	114188	1917A	
01 82	31.31.21.2	I RING 4-5-6-7-8 DISTRIBUTION	729078	114178	1771A	

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PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
6267	LOGIC INDEX	1401 BA	729085	114186	31.10.10.2	1859V 1859V 25.44.63
FR CM	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	TA NO.	
01 B3	31.10.11.2	CLOCK CONTROL SECTION 1	729087	114178	1771A	
01 B3	31.10.12.2	CLOCK CONTROL SECTION 2	729088	114178	1771A	
01 B3	31.10.20.2	UNIT PLUGGING CHART	729086	114186	1859	
01 B3	31.12.11.2	T TIME 060-090	729089	114178	1771A	
01 B3	31.12.12.2	T TIME 000-030 030-160	729090	114186	1859V	
01 B3	31.12.21.2	T TIME 090-000	729091	114178	1771A	
01 B3	31.12.22.2	T TIME 000-015 015-045	729092	114186	1859	
01 B3	31.12.31.2	T TIME 045-060 015-030 60-075	729093	114186	1859	
01 B3	31.12.32.2	T TIME 060-000 075-090 30-090	729094	114178	1771A	
01 B3	31.12.41.2	T TIME 030-105 075-105 75-000	729095	114178	1771A	
01 B3	31.12.42.2	T TIME 090-105 105-000	729096	114182	1815A	
01 B3	31.12.51.2	U TIME 000-030 030-060 T TIME 000-060	729097	114178	1771A	
01 B3	31.12.61.2	U TIME 000-015 060-090	729098	114178	1771A	
01 B3	31.12.62.2	U TIME 105-000 090-000	729099	114178	1771A	
01 B3	31.12.71.2	U TIME 030-045 045-060 60-075	729100	114178	1771A	
01 B3	31.12.81.2	U TIME 90-105 30-90 75-90 30-000660-90	729101	114178	1771A	
01 B3	31.12.91.2	T TIME 090-030 U TIME 075-105	729102	114178	1771A	
01 B3	31.12.92.2	T TIME 045-075 U TIME 0 60	729103	114178	1771A	
01 B3	31.12.93.2	STOR. CLOCK PULSES R2 R3 STROBE A	729104	114178	1771A	
01 B3	31.12.94.2	STORAGE CLOCK PULSES Z1 Z2	729105	114178	1771A	
01 B3	34.31.11.2	TRUE COMPLEMENT ANALYSIS	729106	114178	1771A	
01 B3	34.31.12.2	TRUE COMPLEMENT	729107	114178	1771A	
01 B3	34.31.13.2	1ST AND 2ND B CYCLE TRIGGERS	729108	114178	1771A	
01 B3	34.31.14.2	ADDER CARRY	729109	114178	1771A	
01 B3	34.31.15.2	ADDER CARRY AND OVERFLOW	729110	114182	1815J	
01 B3	34.31.16.2	ADD CTRL ARITH RDR RVRS SCAN RDR	729111	114178	1771A	
01 B3	34.31.17.2	ADDER CONTROL-RECOMPLEMENT HEADR TR	729112	114178	1771A	
01 B3	34.32.11.2	B REGISTER TRANSLATOR	729113	114178	1771A	
01 B3	34.32.12.2	A REGISTER TRANSLATOR	729114	114178	1771A	
01 B3	34.32.13.2	A REGISTER TRUE COMPLEMENT	729115	114178	1771A	
01 B3	34.32.14.2	QUIN ADDER Q0 Q7 Q4 Q6 QB NOT CARRY	729116	114178	1771A	
01 B3	34.32.15.2	QUINARY ADDER-Q0 Q2 Q4 Q6 CARRY	729117	114178	1771A	
01 B3	34.32.16.2	BINARY ADDER	729118	114178	1771A	
01 B3	34.32.17.2	QUINARY ADDER OUTPUT	729119	114178	1771A	
01 B3	34.32.18.2	TRANSLATE AND CHECK DIGIT	729120	114178	1771A	
01 B3	34.33.11.2	ZONE BIT GENERATOR	729121	114178	1771A	
01 B3	34.33.12.2	SIGN CONTROL AND 8 BIT ZONE ADDER	729122	114178	1771A	
01 B3	34.33.13.2	A BIT ZONE ADDER	729123	114178	1771A	
01 B3	34.33.14.2	C BIT ZONE ADDER	729124	114178	1771A	
01 B3	34.34.11.2	FEED THROUGH SHEET	729125	114178	1771A	

729085
2 1859

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
1659	LOGIC INDEX	1401	724563	118575C	36.01.10.2	604A 12.11.63

FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	TA NO.
01 B4	36.01.20.2	UNIT PLUGGING CHART	724562	117964	1947A
01 B4	36.01.21.2	PUNCH SCAN COMPLETE	724646	117138	1859
01 B4	36.01.22.2	SOCKET RESERVATIONS	724752	116787	1815A
01 B4	36.01.31.2	READ SCAN COMPLETE	724647	117964	1947A
01 B4	36.02.11.2	INTERLOCK STOP	724648	116787	1815A
01 B4	36.10.11.2	READ FEED	724649	117481	1859Q
01 B4	36.10.21.2	READ IMP CB LOGIC	724650	117964	1947A
01 B4	36.11.11.2	READ SCAN GENERATION	724651	117964	1947A
01 B4	36.12.11.2	SET UP ADDR CONTROL	724652	117138	1859
01 B4	36.12.21.2	SET UP A REG CONTROL	724653	117240	1859
01 B4	36.13.11.2	ENCODER	724654	116787	1815A
01 B4	36.13.21.2	ENCODER	724655	117138	1859
01 B4	36.13.31.2	VALIDITY CHECK	724656	117148	1859
01 B4	36.14.11.2	CHECK LATCHES	724657	117148	1859
01 B4	36.16.11.2	LAST ADDRESS + READ END CONTROL	724658	117240	1859
01 B4	36.18.11.2	READ PUNCH INDICATION	724659	116787	1815A
01 B4	36.19.11.2	FEED THROUGH SHEET	724660	118575C	604A
01 B4	36.21.11.2	PUNCH CB GENERATION	724661	117148	1859
01 B4	36.22.11.2	PUNCH SCAN GENERATION	724662	117148A	1859
01 B4	36.24.11.2	PUNCH FEED	724663	117481	1859Q
01 B4	36.50.11.2	STACKER SELECT	724664	117475	1859K
01 B4	56.13.11.2	PFR ENCODE-VALIDITY	724665	117148	1859
01 B4	56.70.21.2	READ PUNCH RELEASE	724666	117481	1859Q

604A 724563

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
1401	LOGIC INDEX	1401 BA	722041	117477	36.37.00.2	1859 18.6.63
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
01 85	36.37.10.2		UNIT PLUGGING CHART	722560	117477	1859
01 85	36.37.41.2		HAMMER RESET CONTROL	722340	116749A	1775
01 85	36.37.51.2		HAMMER RESET CHECK	722341	117477	1859
01 85	36.37.61.2		DISTRIBUTION SHEET	722342	116749A	1775
01 85	36.37.81.2		FEED THROUGH SHEET	722343	116749A	1775
01 85	36.37.91.2		PRINT BUFFER TENS DRIVE	722344	116749A	1775
01 85	36.38.01.2		U0-U4 HAMMER DRIVE	722345	117477	1859
01 85	36.38.11.2		U5-U9 HAMMER DRIVE	722346	116749A	1775
01 85	36.38.21.2		UNITS HAMMER DRIVE DISTRIBUTION	722347	116749A	1775
01 85	36.38.31.2		TENS HAMMER DRIVE	722348	116749A	1775
01 85	36.38.41.2		TENS ADDRESS DECODE	722349	116749A	1775
01 85	36.38.51.2		UNITS ADDRESS DECODE	722350	116749A	1775
01 85	36.38.61.2		HAMMER DRIVE 1-9	722351	116749A	1775
01 85	36.38.71.2		HAMMER DRIVE 10-19	722352	116749A	1775
01 85	36.38.81.2		HAMMER DRIVE 20-29	722353	116749A	1775
01 85	36.38.91.2		HAMMER DRIVE 30-39	722354	116749A	1775
01 85	36.39.01.2		HAMMER DRIVE 40-49	722355	116749A	1775
01 85	36.39.11.2		HAMMER DRIVE 50-59	722356	116749A	1775
01 85	36.39.21.2		HAMMER DRIVE 60-69	722357	116749A	1775
01 85	36.39.31.2		HAMMER DRIVE 70-79	722358	116749A	1775
01 85	36.39.41.2		HAMMER DRIVE 80-89	722359	116749A	1775
01 85	36.39.51.2		HAMMER DRIVE 90-99	722360	116749A	1775
01 85	36.39.61.2		HAMMER DRIVE 100-109	722361	116749A	1775
01 85	36.39.71.2		HAMMER DRIVE 110-119	722362	116749A	1775
01 85	36.39.81.2		HAMMER DRIVE 120-129	722363	116749A	1775
01 85	36.39.91.2		HAMMER DRIVE 130-132	722364	116749A	1775

722041

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
	LOGIC INDEX	1401	0729168	118575X	34.00.00.2	704A 5.3.64
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	TA NO.	
01 B6	31.31.30.2	UNIT PLUGGING CHART	729169	118575X	704A	
01 B6	31.31.31.2	I RING OP-1-2-3	729170	118575B	604A	
01 B6	31.31.41.2	I RING 4-5-6-7-8	729171	114178	1771A	
01 B6	34.10.11.2	EDIT	729172	114178	1771A	
01 B6	34.10.21.2	EDIT	729173	114178	1771A	
01 B6	34.10.31.2	EDIT	729174	114178	1771A	
01 B6	34.10.41.2	EDIT	729175	114178	1771A	
01 B6	34.10.51.2	EDIT	729176	118575B	604A	
01 B6	34.10.61.2	EDIT	729177	114178	1771A	
01 B6	34.11.11.2	EXPANDED EDIT DECIMAL OPTION	729178	114178	1771A	
01 B6	34.11.21.2	EXPANDED EDIT ASTERISK OPTION	729179	114178	1771A	
01 B6	34.11.31.2	EXPANDED EDIT DOLLAR OPTION	729180	114178	1771A	
01 B6	34.21.11.2	BIT COMPARE MATRIX	729181	114178	1771A	
01 B6	34.21.21.2	COMPARE EQUAL LATCH AND CONTROL	729182	114178	1771A	
01 B6	34.21.31.2	PROGRAM SKIP POSITIVE TEST	729183	114178	1771A	
01 B6	34.21.41.2	TRANSFER PROGRAM SKIP	729184	114178	1771A	
01 B6	34.21.51.2	CHECK RESET CONTROL	729185	114178	1771A	
01 B6	34.22.11.2	SENSE SWITCHES OPTIONAL	729186	114178	1771A	
01 B6	34.32.19.2	QUI-BINARY VALIDITY CHECK MATRIX	729187	114178	1771A	
01 B6	34.32.20.2	QUI-BINARY VALIDITY CHECK LATCH	729188	114178	1771A	
01 B6	35.30.11.2	A REGISTER CHECK MATRIX	729189	114178	1771A	
01 B6	35.30.21.2	B REGISTER CHECK MATRIX	729190	114178	1771A	
01 B6	35.30.31.2	A AND B REGISTER CHECK LATCHES	729191	114182	1815A	
01 B6	35.30.41.2	B REGISTER DIST. AND IND DISPLAY	729192	114178	1771A	
01 B6	35.30.51.2	A REGISTER DISPLAY DRIVE	729193	114178	1771A	
01 B6	41.10.11.2	BIT TEST	729194	114178	1771A	
01 B6	73.11.83.2	STOP I-O ATTACHMENT	729195	114178	1771A	
01 B6	99.99.91.1	PROCESS METER	724973	118575X	704A	
01 B6	99.99.94.0	CPU METER UNIT	724898	118575X 119481	604R	

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
6267	LOGIC INDEX	1401 BA	729208	114184A	37.17.10.2	1859 18.6.63
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
01 87	36.17.11.2		CHECKING ALTERNATE CYCLE CONTROL	729210	114184	1859
01 87	36.17.20.2		UNIT PLUGGING CHART	729209	114184A	1859
01 87	36.17.21.2		CHECKING ROW BIT CONTROL	729211	114184	1859
01 87	36.17.31.2		CHECK PLANE ENTRY	729212	114184	1859
01 87	36.17.41.2		CHECKING INHIBIT + ERROR GATES	729213	114184	1859
01 87	36.23.11.2		PUNCH DECODE	729214	114184A	1859
01 87	36.23.21.2		3-6 PUNCH DECODE	729215	114184	1859
01 87	36.23.31.2		PUNCH DECODE	729216	114184	1859
01 87	36.23.41.2		PUNCH CHECK DECODE	729217	114184	1859
01 87	36.28.11.2		PUNCH DRIVER RESET AND FEED THRU	729218	114184A	1859
01 87	36.28.21.2		PUNCH DRIVE TENS	729219	114184	1859
01 87	36.29.11.2		PUNCH MATRIX 0-1	729220	114184	1859
01 87	36.29.21.2		PUNCH MATRIX 2-3	729221	114184	1859
01 87	36.29.31.2		PUNCH MATRIX 4-5	729222	114184	1859
01 87	36.29.41.2		PUNCH MATRIX 6-7	729223	114184	1859
01 87	36.29.51.2		PUNCH MATRIX 8-9	729224	114184	1859
01 87	74.65.01.2		PFR OPR DRIVE CF FEATURE NO PFR	723773	114184	1859

729208
2 1859

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
1659	LOGIC INDEX	1401	723566	113835	41.11.16.2	1282 F 17.9.63
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	TA NO.	
02 88	41.10.10.2	UNIT PLUGGING CHART	723565	113835	1282	
02 88	41.11.11.2	RD PCH COL BIN TRIGGER	723636	110344U	37699H	
02 88	41.11.21.2	RD PCH COL BIN LATCH	723637	113422	1179	
02 88	41.11.31.2	RD-PCH COL BIN MAR CONTROL	723638	113535	1282	
02 88	41.11.41.2	MOVE COLUMN BINARY	723639	113422	1179	
02 88	41.11.51.2	COL BIN MODIFIER CONTROL	723640	113835	1282 F	
02 88	41.23.11.2	COL BIN PUNCH DECODE MATRIX	723641	110320E	37699E	
02 88	41.23.21.2	COL BIN PCH DECODES HOLE COUNT	723642	110344U	37699H	
02 88	41.23.31.2	COL BIN READ ENCODE	723643	112913	1143A	

1282 F
723566

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
1659	LOGIC INDEX	1401 MT	723546	1185758	70.10.10.2	604A 12.11.68
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.		TA NO.
02 A1	89.02.20.0	INPUTS FROM TAPE UNIT 729 REF DWG	723456	116726		1715A
02 A1	89.02.21.0	INPUTS FROM TAPE DRIVE 7330 REF DWG	723457	113835		1282
02 A1	89.02.25.0	OUTPUTS TO TAPE UNIT 729 REF DWG	723458	1185758		604A
02 A1	89.02.26.0	OUTPUTS TO TAPE DRIVE 7330 REF DWG	723459	1185758		604A
02 A1	89.02.30.0	OUTPUTS TO TAU REF DWG	723460	116726		1715A
02 A1	89.02.35.0	INPUTS FROM TAU REF DWG	723461	116726		1715A
02 A1	89.02.50.0	INDICATORS REF DWG	723462	113835		1282
02 A1	71.10.11.2	UNIT PLUGGING CHART	723545	1185758		604A
02 A1	71.11.11.2	OPERATIONAL DECODE	724295	1185758		604A
02 A1	71.11.21.2	OPERATIONAL DECODE	724296	116749E		1775
02 A1	71.11.31.2	OPERATIONAL DECODE	724297	1185758		604A
02 A1	71.31.11.2	CLOCK TIMING CONTROLS	724298	1185758		604A
02 A1	71.31.21.2	CLOCK TIMING CONTROLS	724299	116749E		1775
02 A1	71.51.21.2	WRITE GATING INPUT TO TAU	724300	1185758		604A
02 A1	71.61.11.2	READ GATING	724301	116749E		1775
02 A1	71.61.21.2	OVERLAP CONTROLS	724302	116749E		1775
02 A1	71.71.11.2	MANUAL OPERATION-OPERATORS CONSOLE	724303	116749E		1775
02 A1	71.71.21.2	MANUAL OPERATION RESET AND LOAD TAPE	724304	116749E		1775
02 A1	71.71.31.2	MANUAL OPERATION-C.E. CONSOLE	724305	116749E		1775
02 A1	71.71.41.2	MANUAL OPERATION	724306	116749E		1775
02 A1	71.71.51.2	VOLTAGE DISTRIBUTION	724307	116749E		1775
02 A1	71.71.61.2	MANUAL OPERATION	724308	116749E		1775
02 A1	71.81.11.2	INDICATORS-TAPE CE CONSOLE	724309	116749E		1775
02 A1	71.81.12.2	INDICATORS-TAPE CE CONSOLE	724310	116749E		1775

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PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
	LOGIC INDEX	1401 IO	072554	118582	70.10.11.2	704A
						5.3.64
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.		TA NO.
02 A2	70.11.21.2	OPERATIONAL DECODE	724246	116749B		1775
02 A2	70.11.41.2	OPERATIONAL DECODE	724247	118575B		604A
02 A2	70.51.21.2	WRITE GATING	724248	117484		1917A
02 A2	70.51.31.2	WRITE GATING	724249	116749B		1775
02 A2	70.61.21.2	READ GATING	724250	116749B		1775
02 A2	70.61.31.2	READ GATING	724251	118575B		604A
02 A2	70.61.41.2	READ GATING	724252	118306		1990A
02 A2	70.65.11.2	FEED THRU SHEET	724253	117953		1917A
02 A2	73.00.00.2	REFERENCE DRAWING	724254	118575B		604A
02 A2	73.11.11.2	I-O SELECT CONTROL	724255	118575B		604A
02 A2	73.11.21.2	I-O DATA INPUT	724256	117149		704A
02 A2	73.11.31.2	I-O SELECT CONTROL	724257	118582		704A
02 A2	73.11.41.2	I-O BRANCH CONTROL	724258	118575B		604A
02 A2	73.11.51.2	I-O SELECT CONTROL	724259	117149		704A
02 A2	73.11.61.2	I-O SELECT CONTROL	724260	117953		1917A
02 A2	73.11.71.2	I-O SELECT CONTROL	724261	117953		1917A
02 A2	73.11.82.2	UNIT PLUGGING CHART	723553	118575B		604A
02 A2	73.12.11.2	I-O WRITE	724262	117953		1917A
02 A2	73.12.21.2	I-O LOAD AND CONTROL	724263	117953		1917A
02 A2	73.91.91.2	INPUT OUTPUT LINES REF DWG	724264	110320V		1579

723554

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
	LOGIC INDEX	1401	0731930	1185755	44.30.10.2	604P 16.1. 64
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
02 AB	44.00.01.2		UNIT PLUG CHART	731901	1185755	604C
02 AB	44.30.11.2		HI-LO-EQ INPUT DIST	731904	117141	1870A
02 AB	44.31.11.2		SPECIAL CHARACTER COMPARE	731905	117141	1870A
02 AB	44.32.11.2		HI-LO ZONE COMPARE	731906	117141	1870A
02 AB	44.33.11.2		HI-LO DIGIT COMPARE SECT 1	731907	117141	1870A
02 AB	44.33.21.2		HI-LO DIGIT COMPARE SECT 2	731908	117141	1870A
02 AB	44.33.31.2		HI-LO DIGIT COMPARE SECT 3	731909	117141	1870A
02 AB	44.34.11.2		B GREATER OR LESS THAN A CONTROL	731910	117141	1870A
02 AB	44.34.21.2		HI-LO LATCH	731911	117141	1870A
02 AU	44.34.31.2		HIGH-LOW -EQUAL TEST	731912	117141	1870A
02 AB	75.01.00.1		FEEDTHRU CPU TO 1311-4	731926	118575A	604P
02 AB	75.01.00.2		FEEDTHRU CPU FROM 1311-4	731927	116245A	1740
02 AB	75.01.00.8		FEEDTHRU SPECIAL NO.1	731928	114069	1914A
02 AB	75.01.00.9		FEEDTHRU SPECIAL NO.2	731929	114069	1914A
02 AB	75.01.01.2		CPU DATA CABLE DRIVE	731913	117141	1870A
02 AB	75.01.02.2		CONTROL SIGNALS CABLE DRIVE	731914	118575A	604P
02 AB	75.01.03.2		CONTROL SIGNALS CABLE DRIVE	731915	117233	1870A
02 AB	75.01.04.2		FILE OP AND PERCENT LATCH	731916	114069	1914A
02 AB	75.01.05.2		CTRL SIGNAL TERMINATION + DIST.	731917	114069	1914A
02 AB	75.01.06.2		CTRL SIGNAL TERMINATION + DIST.	731918	114069	1914A
02 AB	75.01.07.2		WRITE DECODE AND LATCH	731919	117141	1870A
02 AB	75.01.08.2		A REGISTER SET	731920	117245	1870A
02 AB	75.01.09.2		TRANSFER PROGRAM	731921	117141	1870A
02 AB	75.01.10.2		A STAR RI CONTROLS	731922	114069	1914A
02 AB	75.01.11.2		CTRL SIGNAL TERMINATION + DIST.	731923	117141	1870A
02 AB	77.01.11.2		INQUIRY ATTACHMENT-CONTROL CKTS	731924	117141	1870A
02 AB	77.01.21.2		INQUIRY ATTACHMENT-DATA CKTS	731925	1185755	604C

731930

PROJECT NO.	NAME	NALM	PART NO.	E C NO.	LOGIC NO.	TA NO.
0267	LOGIC INDEX	1401 IN	729033	117972	44.70.00.2	1990C 25.44.63
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.		TA NO.
02 86	41.50.00.2	UNIT PLUGGING CHART	729034	114161		1631
02 86	41.50.01.2	INDEX TAG LATCHES	729035	114176		1771A
02 86	41.50.11.2	STONE INDEX CYCLE TRIG GATES	729036	114176		1771A
02 86	41.50.21.2	STONE INDEX CYCLE TRIGGERS	729037	114176		1771A
02 86	41.50.31.2	STONE CYCLE DRIVERS	729038	114176		1771A
02 86	41.50.41.2	INDEX ADDRESS REGISTER SET	729039	114176		1990A
02 86	41.50.51.2	A STAR READ IN + STONE CYCLE 1 2 3	729040	114176		1771A
02 86	41.50.61.2	B STAR READ IN	729041	114176		1771A
02 86	41.50.71.2	HUNDREDS ZONE CARRY CONTROLS	729042	114176		1990C
02 86	41.50.81.2	INDEX A AND B STAR GATES	729043	114176		1771E
02 86	41.50.91.2	A REG SET 1 2 4	729044	114176		1771A
02 86	41.51.01.2	A REG SET H'CU A B C2	729045	114176		1771A
02 86	41.51.11.2	A REG SET UNITS A B C2	729046	114176		1771A
02 86	41.51.21.2	INDEX STAR	729155	114176		1771A
02 86	41.51.31.2	STONE INDEX CONTROL	729156	114176		1771A
02 86	41.51.41.2	STORE CONTROLS	729157	114176		1771A
02 86	41.51.51.2	STORE 1 STAR	729158	114176		1771A
02 86	41.51.61.2	INDEX 1 CONTROL	729159	114176		1771A
02 86	41.51.71.2	MOV RECORD	729160	114176		1771A
02 86	44.70.21.2	COMPRESSED WORD CTL	729161	114176		1771A
02 86	44.70.31.2	COMP WD CYCLE CTL	729162	114176		1771A
02 86	44.70.41.2	COMP WD 1ST AND 2ND B BIT	729163	114176		1771A

729033

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
	LOGIC INDEX	9TAU	0729196	114201	29.10.01.1	704A 5.3.64
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.	TA NO.	
00 XA	B9.40.61.1	READ RECOGNITION	729197	114179	1815A	
00 XA	B9.50.50.1	ERROR TRIGGERS	729198	114179	1815A	
00 XA	B9.50.51.1	SKREW ERROR + A REG VRC	729199	114179	1815A	
00 XA	B9.50.52.1	ERROR STOP	729200	114179	1815A	
00 XA	B9.60.01.1	SELECT + READY	729201	114179	1815A	
00 XA	B9.60.02.1	LP PT + BUSY + REMIND REMIND UNLD	729202	114179	1815A	
00 XA	B9.60.10.1	SEL+READY RD+WRITE	729203	114179	1815A	
00 XA	B9.60.11.1	GO TRIGGER	729204	114179	1815A	
00 XA	B9.60.20.1	READ CONDITION	729205	114179	1815A	
00 XA	B9.60.30.1	WRITE CONDITION	729225	114179	1815A	
00 XA	B9.60.31.1	WRITE DISC TAPE MARK ERASE	729226	114193	1917A	
00 XA	B9.60.40.1	BACKSPACE	729227	114201	704A	
00 XA	B9.60.50.1	TAPE UNIT LINES	729228	114179	1815A	
00 XA	B9.60.51.1	TAPE UNIT LINES	729229	114179	1815A	
00 XA	B9.90.10.8	SOCKET RESERVATIONS	729230	114179	1815A	
00 XA	B9.90.10.9	SOCKET RESERVATIONS	729231	114179	1815A	
00 XA	B9.90.51.1	UNIT PLUGGING CHART	729232	114193	1917A	
00 XA	74.11.61.2	WRITE GATING-O REG STORE A REG	729259	114179	1815A	
00 XA	74.11.91.2	OVERLAP INDICATORS	724755	114179	1815A	
00 XA	74.41.21.2	INDICATORS OVERLAP REF DWG	724826	114141	1370F	

71010

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TA NO.
	LOGIC INDEX	1401	0805535	114200	29.10.02.1	704A 5.3.64
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
00 XB	B9.10.10.1	READ	CLOCK DRIVE	805537	116749C	1775
00 XB	B9.10.20.1	READ	CLOCK	805538	116749C	1775
00 XB	B9.10.30.1	READ	CLOCK GATING	805539	116749C	1775
00 XB	B9.10.31.1	READ	CLOCK GATING	805540	116749C	1775
00 XB	B9.20.10.1	WRITE	CLOCK AND DELAY COUNT DRIVE	805541	116749C	1775
00 XB	B9.20.11.1	DENSITY	SWITCHING	805542	116749C	1775
00 XB	B9.20.20.1	WRITE	CLOCK	805543	116749C	1775
00 XB	B9.20.30.1	WRITE	CLOCK GATING	805544	116749C	1775
00 XB	B9.30.10.1	READ	DELAY CONTROL	805545	116749C	1775
00 XB	B9.30.11.1	WRITE	DELAY CONTROL	805546	116749C	1775
00 XB	B9.30.20.1	DELAY	COUNTER DRIVE	805547	116749C	1775
00 XB	B9.30.31.1	DELAY	COUNTER RESET TRIGGER RESET	805548	116749C	1775
00 XB	B9.30.40.1	DELAY	COUNTER	805549	116749C	1775
00 XB	B9.30.41.1	DELAY	COUNTER	805550	116749C	1775
00 XB	B9.30.42.1	DELAY	COUNTER	805551	116749C	1775
00 XB	B9.30.43.1	DELAY	COUNTER	805552	116749C	1775
00 XB	B9.30.50.1	DELAY	COUNTER GATING	805553	118300	1990A
00 XB	B9.30.51.1	DELAY	COUNTER GATING	805554	114200	704A
00 XB	B9.30.52.1	DELAY	COUNTER GATING	805555	116749C	1775
00 XB	B9.30.53.1	DELAY	COUNTER GATING	805556	114200	704A
00 XB	B9.30.54.1	DELAY	COUNTER GATING	805557	116749C	1775
00 XB	B9.30.55.1	DELAY	COUNTER GATING	805558	116749C	1775
00 XB	B9.30.56.1	FORWARD	STOP DELAY AND COMPUTE	805559	116749C	1775
00 XB	B9.90.11.1	UNIT	PLUGGING CHART	805536	118300	1990A
00 XB	B9.90.11.9	SOCKET	RESERVATIONS	805560	116749C	1775

PROJECT NO.	NAME	MACH	PART NO.	E C NO.	LOGIC NO.	TAG NO.
6557	LOGIC INDEX	1401	723396	116749D	89.10.03.1	1775 12.3.63
FR CH	LOGIC NO.	LOGIC	NAME	PART NO.	E C NO.	TA NO.
00 XC	89.40.10.1	FINAL	AMPLIFIERS	761263	116749D	1775
00 XC	89.40.12.1	ERROR STOP	READ GATING	761264	116749D	1775
00 XC	89.40.20.1	REG A AND REG B	1 AND 2 BIT PSNS	761265	116749D	1775
00 XC	89.40.21.1	REG A AND REG B	4 AND 8 BIT PSNS	761266	116749D	1775
00 XC	89.40.22.1	REG A AND REG B	A AND B BIT PSNS	761267	116749D	1775
00 XC	89.40.23.1	REG A AND REG B	C BIT PSN	761268	116749D	1775
00 XC	89.40.50.1	R-W REGISTER	BIT POSITION	761269	116749D	1775
00 XC	89.40.51.1	R-W REGISTER	BIT POSITION	761270	116749D	1775
00 XC	89.40.52.1	R-W REGISTER	BIT POSITION	761271	116749D	1775
00 XC	89.40.60.1	READ RECOGNITION		761272	116749D	1775
00 XC	89.40.62.1	ODD-EVEN CHARACTER	COUNTER	723489	116749D	1775
00 XC	89.50.10.1	READ A REG	VRC	761273	116749D	1775
00 XC	89.50.20.1	READ WRITE	VRC	761274	116749D	1775
00 XC	89.50.30.1	COMPARE CHECK		761275	116749D	1775
00 XC	89.50.40.1	LRCR REG PSNS	1 2 4 AND 8 BITS	761276	116749D	1775
00 XC	89.50.41.1	LRCR REG PSNS	A B AND C BITS	761277	116749D	1775
00 XC	89.50.42.1	LRCR ERROR + LRCR	RESET	761278	116749D	1775
00 XC	89.90.12.1	UNIT PLUGGING	CHART	760769	116152	1441B
00 XC	89.90.12.8	SOCKET RESERVATIONS		723452	116749D	1775
00 XC	89.90.12.9	SOCKET RESERVATIONS		723399	116749D	1775

723396

1401 INTERMEDIATE LEVEL DIAGRAM
TAU 9 INDEX

FIGURE	NAME	PART NUMBER
180	REFERENCE SHEET	723780
181	WRITE CONTROLS 1	723781
182	WRITE CONTROLS 2	723782
183	READ CONTROLS 1	723783
184	READ CONTROLS 2	723784
185	BACK SPACE, ERASE, REWIND AND REWIND UNLOAD	723785
186	WR CLOCK AND OLY COUNTER OSC GATING	723786
187	DELAY COUNTER	723787
188	READ DISC DELAY FORWARD STOP OLY AND CHECK CHARACTER	723788
189	80 AND 7F DRV INPUT OUTPUT LINES	723789
190	FINAL AMPLIFIERS A REG 0 REG, R/W REG, INCR REG	723790
191	ERROR CIRCUITS 1	723791
192	ERROR CIRCUITS 2	723792
193	729 WRITE OPERATION	723793
193-1	7330 WRITE OPERATION	723794
193-2	WRITE CLOCK CYCLES 729, 7330 WRITE OPERATION	723795
193-3	READ CLOCK CYCLES 729, 7330 WRITE OPERATIONS	723796
194	729 READ OPERATION	723797
194-1	7330 READ OPERATION	723798
194-2	READ CLOCK CYCLES 729, 7330 READ OPERATIONS	723799
197	729 BACKSPACE OP	723770
197-1	7330 BACKSPACE OP	723771

DATE	CHANGE NO.	DATE	CHANGE NO.	INTERNATIONAL BUSINESS MACHINES CORP			
9-7-61	112226B	17.10.61	TA 87927B	NAME	TAU 9 INDEX		
				DESIGN		TYPE	
				DETAIL		SCALE	
				CHECK		DRAW	VE 8-2-61
				APPRO		C LCK	

NOTED BY 8 APR 1961

DATE 5.2.62
TA 1129

	A	B	C	D	E	F
1						
2						
3						
4				MX- 0371899 01 42.59.11.2	AQU- 0370833 02 42.54.11.2	DKA- 0370443 01 42.57.11.2
5				AKX- 0370833 04 42.59.11.2 AKX- 0370833 04 42.59.11.2 AKX- 0370833 04 42.59.11.2	AQU- 0370833 02 42.54.11.2	DKA- 0370443 01 42.57.11.2
6				MX- 0371899 01 42.59.11.2	AQU- 0370833 02 42.54.11.2	AKC- 0370426 01 42.57.11.2
7				MX- 0371899 01 42.59.11.2	AQU- 0370833 02 42.54.11.2	DKA- 0370443 01 42.57.11.2
8				AKB- 0370426 01 42.57.11.2	AQU- 0370833 02 42.54.11.2	DKA- 0370443 01 42.57.11.2
9				MX- 0371899 01 42.59.11.2	AQU- 0370833 02 42.54.11.2	
10				MX- 0371899 01 42.59.11.2	AQU- 0370833 02 42.54.11.2	AQU- 0370833 01 42.57.11.2
11				AKX- 0370833 04 42.59.11.2 AKX- 0370833 04 42.59.11.2 AKX- 0370833 04 42.59.11.2	AQU- 0370833 02 42.54.11.2	
12				MX- 0371899 01 42.59.11.2	AQU- 0370833 02 42.54.11.2	AQU- 0370833 01 42.57.11.2
13				MX- 0371899 01 42.59.11.2	AQU- 0370833 02 42.54.11.2	

724692/1
1129

0724692

UNIT PLUGGING CHART

01 A 1

1401

42.53.20.2

SHEET 2 OF 2

DATE NOV 18, 1961

112912

	A	B	C	D	E	F
14					AQU-0370833° 02 42.53.11.2	AQU-0370833° 01 42.57.11.2
15				MX-0371899° 01 42.59.11.2	AQU-0370833° 02 42.53.11.2	
16				MX-0371899° 01 42.59.11.2	AQU-0370833° 02 42.53.11.2	AQU-0370833° 01 42.57.11.2
17				AQU-0370833° 01 42.53.11.2	AQU-0370833° 02 42.53.11.2	
18				MX-0371899° 01 42.59.11.2	AQU-0370833° 02 42.53.11.2	AQU-0370833° 01 42.58.11.2
19				MX-0371899° 01 42.59.11.2	AQU-0370833° 02 42.53.11.2	AQU-0370833° 01 42.58.11.2
20					AQU-0370833° 02 42.53.11.2	AQU-0370833° 01 42.58.11.2
21				MX-0371899° 01 42.59.11.2		AQU-0370833° 01 42.58.11.2
22				MX-0371899° 01 42.59.11.2		
23				AQU-0370833° 01 42.53.11.2		AQU-0370833° 01 42.58.11.2
24				MX-0371899° 01 42.59.11.2		AQU-0370833° 01 42.58.11.2
25				MX-0371899° 01 42.59.11.2		AQU-0370833° 01 42.58.11.2
26						

DATE 5.2.62
TA 1129

724692/1129

	A	B	C	D	E	F
	REMARKS					
1	JMVB BA 0371079 04 35.11.11.2 35.11.51.2 35.11.51.2	CGWW BA 0371251 03 35.16.11.2 35.16.11.2 35.16.11.2	CEH- BA 0370139 02 35.11.11.2 35.11.51.2 35.11.51.2	CGWW BA 0371251 03 35.16.51.2 35.16.51.2 35.16.61.2	4JMX BA 0370142 02 35.11.11.2 35.11.51.2 35.11.51.2	2JMX BA 0370144 02 35.17.51.2 35.17.51.2 35.17.51.2
2	PO-- BA 0371370 04 35.11.11.2 35.11.51.2 35.11.51.2	CGWW BA 0371251 03 35.16.21.2 35.16.21.2 35.16.21.2	PO-- BA 0371370 04 35.11.11.2 35.11.51.2 35.11.51.2	CGWW BA 0371251 03 35.16.61.2 35.16.71.2 35.16.71.2	3JMX BA 0370141 02 35.11.11.2 35.11.51.2 35.11.51.2	JLVB BA 0371077 04 35.17.51.2 35.17.51.2 35.17.51.2
3	JFVP BA 0371575 04 35.11.11.2 35.11.51.2 35.11.51.2	PP-- BA 0371365 04 35.11.11.2 35.11.51.2 35.11.51.2	CFH- BA 0370139 02 35.12.11.2 35.12.11.2 35.12.11.2	PP-- BA 0371365 04 35.16.51.2 35.16.61.2 35.16.61.2	CO-- BA 0371273 04 35.11.11.2 35.11.51.2 35.12.11.2	2JMX BA 0370144 02 35.17.51.2 35.17.51.2 35.17.51.2
4	JMVB BA 0371079 04 35.12.11.2 35.12.51.2 35.12.51.2	PP-- BA 0371365 04 35.16.11.2 35.16.21.2 35.16.21.2	PO-- BA 0371370 04 35.12.11.2 35.12.51.2 35.12.51.2	PP-- BA 0371365 04 35.16.71.2 35.16.71.2 35.16.71.2	PP-- BA 0371365 04 35.11.11.2 35.11.51.2 35.12.11.2	4JMX BA 0370142 02 35.17.51.2 35.17.51.2 35.17.51.2
5	PO-- BA 0371370 04 35.12.11.2 35.12.51.2 35.12.51.2	JJVV BA 0371267 02 35.16.21.2 35.16.51.2 35.16.51.2	CNWT BA 0371260 06 35.17.11.2 35.18.51.2 35.18.21.2	CGWW BA 0371251 03 35.16.71.2 35.16.71.2 35.16.81.2	CHWW EE 0371252 03 35.10.31.2 35.10.31.2 35.10.31.2	2JMX BA 0370144 02 35.17.51.2 35.17.51.2 35.17.51.2
6	JFVP BA 0371576 04 35.12.11.2 35.12.51.2 35.12.51.2	PP-- BA 0371365 04 35.12.11.2 35.12.51.2 35.12.51.2	JJVA BA 0371599 04 35.17.11.2 35.14.11.2 35.11.51.2	CGWW BA 0371251 03 35.16.81.2 35.16.81.2 35.16.81.2	4JMX BA 0370142 02 35.12.51.2 35.12.51.2 35.12.51.2	JLVB BA 0371077 04 35.17.51.2 35.17.51.2 35.17.51.2
7	JMVB BA 0371079 04 35.13.11.2 35.13.51.2 35.13.51.2	CJYC BA 0371071 02 35.16.31.2 35.16.31.2 35.16.31.2	CEH- BA 0370139 02 35.13.11.2 35.13.51.2 35.13.51.2	PP-- BA 0371365 04 35.16.81.2 35.13.11.2 35.13.51.2	3JMX BA 0370141 02 35.12.11.2 35.12.51.2 35.12.51.2	2JMX BA 0370144 02 35.17.51.2 35.17.51.2 35.17.51.2
8	PO-- BA 0371370 04 35.13.11.2 35.13.51.2 35.13.51.2	CJYC BA 0371071 02 35.16.31.2 35.16.31.2 35.16.31.2	PO-- BA 0371370 04 35.13.11.2 35.13.51.2 35.14.51.2	CRZT BA 0371275 04 35.18.11.2 35.14.51.2 35.18.11.2	CO-- BA 0371273 04 35.12.51.2 35.12.51.2 35.12.51.2	4JMX BA 0370142 02 35.17.51.2 35.17.51.2 35.17.51.2
9	JFVP BA 0371576 04 35.13.11.2 35.13.51.2 35.13.51.2	PP-- BA 0371365 04 35.13.11.2 35.13.51.2 35.13.51.2	CEH- BA 0370139 02 35.14.11.2 35.14.51.2 35.14.51.2	PP-- BA 0371365 04 35.18.11.2 35.18.21.2 35.15.51.2	JH-- BA 0371580 02 35.17.11.2 35.13.51.2 35.13.51.2	CLVO BA 0371255 03 35.18.41.2 35.17.61.2 35.17.61.2
10	JMVB BA 0371079 04 35.14.11.2 35.14.51.2 35.14.51.2	PP-- BA 0371365 04 35.16.31.2 35.16.31.2 35.16.31.2	PO-- BA 0371370 04 35.14.11.2 35.14.11.2 35.14.51.2	CLVT BA 0371073 04 35.14.11.2 35.17.11.2 35.18.11.2	3JMX BA 0370141 02 35.13.11.2 35.13.51.2 35.13.51.2	CKYC BA 0371072 02 35.17.61.2 35.18.31.2 35.18.31.2
11	PO-- BA 0371370 04 35.14.11.2 35.14.51.2 35.14.51.2	PO-- BA 0371370 04 35.16.31.2 35.16.31.2 35.16.31.2	PP-- BA 0371365 04 35.10.51.2 35.18.11.2 35.18.11.2	CLVT BA 0371073 04 35.18.11.2 35.18.31.2 35.18.31.2	CGWW BA 0371251 03 35.13.51.2 35.14.11.2 35.13.11.2	CLVO BA 0371255 03 35.18.41.2 35.17.61.2 35.18.41.2
12	JFVP BA 0371576 04 35.14.11.2 35.14.51.2 35.14.51.2	PP-- BA 0371365 04 35.14.51.2 35.14.51.2 35.14.51.2	COZT BA 0371272 04 35.18.51.2 35.18.51.2 35.13.51.2	COZT BA 0371272 04 35.18.41.2 35.18.11.2 35.18.11.2	3JMX BA 0370141 02 35.14.11.2 35.14.51.2 35.14.51.2	CHVV BA 0371265 03 35.18.21.2 35.17.71.2 35.17.71.2
13	JMVB BA 0371079 04 35.15.11.2 35.15.51.2 35.15.51.2	CKYC BA 0371072 02 35.18.31.2 35.18.41.2 35.18.41.2	3JMX BA 0370141 02 35.15.11.2 35.15.11.2 35.15.11.2	CJWF BA 0371268 02 35.17.11.2 35.15.11.2 35.15.11.2	4JMX BA 0370142 02 35.14.51.2 35.18.51.2 35.18.51.2	CLVR BA 0371075 04 35.18.21.2 35.17.71.2 35.18.41.2
14	JMVB BA 0371079 04 35.15.51.2 35.15.51.2 35.15.51.2	CLVO BA 0371255 03 35.10.51.2 35.16.31.2 35.10.51.2	3JMX BA 0370141 02 35.15.11.2 35.15.11.2 35.15.11.2	JMVB BA 0371079 04 35.18.11.2 35.15.11.2 35.17.11.2	COYG BA 0371278 04 35.15.11.2 35.15.11.2 35.15.11.2	CJYC BA 0371071 02 35.17.71.2 35.18.51.2 35.18.51.2

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CIRCUIT CARD LOCATION CHART

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	A	B	C	D	E	F
15	PO-- BA 0371370 04 35.15.51.2 35.15.51.2 35.15.51.2	JM-- BA 0371586 02 35.10.51.2 35.10.51.2	CLVR BA 0371075 04 35.18.11.2 35.10.51.2 35.10.51.2	COZT BA 0371273 04 35.18.21.2 35.18.11.2 35.18.11.2	PP-- BA 0371365 04 35.18.51.2 35.17.11.2 35.18.41.2	CJMF BA 0371268 02 35.18.51.2 35.18.51.2
16	JMVR BA 0371079 04 35.15.51.2 35.15.51.2 35.15.51.2	CJMF BA 0371268 02 35.10.51.2 35.10.51.2	JLVR BA 0371077 04 35.10.31.2 35.10.51.2 35.10.51.2	CNMT BA 0371260 06 35.18.31.2 35.18.31.2 35.15.51.2	CHVM BA 0371264 03 35.15.11.2 35.10.51.2 35.15.11.2	CLVR BA 0371075 04 35.18.51.2 35.18.51.2 35.18.81.2
17	FLVR BA 0371075 04 35.18.61.2 35.18.51.2 35.18.61.2	CGVM BA 0371261 03 35.10.51.2 35.10.51.2 35.18.61.2	JGVW BA 0371581 03 35.10.51.2 35.18.21.2 35.10.51.2	CLVT BA 0371073 04 35.17.11.2 35.18.11.2 35.18.21.2	JM-- BA 0371586 02 35.18.11.2 35.18.11.2	JJVN BA 0371588 04 35.17.11.2 35.17.11.2 35.18.31.2
18	CJYC BA 0371071 02 35.18.61.2 35.15.11.2	PP-- BA 0371365 04 35.10.51.2 35.10.51.2	JLVB BA 0371077 04 35.15.51.2 35.17.11.2 35.18.21.2	JJVA BA 0371589 04 35.18.31.2 35.18.21.2 35.17.11.2	JM-- BA 0371586 02 35.17.11.2 35.18.11.2	CLVT BA 0371073 04 35.15.11.2 35.18.41.2 35.18.41.2
19	CJMF BA 0371268 02 35.18.61.2 35.15.11.2	CHVM BA 0371264 03 35.18.61.2 35.18.51.2 35.18.31.2	ZJMX BA 0370144 02 35.18.21.2 35.18.21.2	CRZT BA 0371275 04 35.16.81.2 35.18.11.2 35.18.31.2	JJVP BA 0371587 04 35.15.11.2 35.17.11.2 35.17.11.2	CLVT BA 0371073 04 35.14.51.2 35.14.51.2 35.18.41.2
20	COZV BA 0371271 04 35.18.61.2 35.10.11.2 35.18.11.2	JMVR BA 0371079 04 35.15.51.2 35.17.61.2 35.17.71.2	KA-- BA 0371546 04 35.17.71.2 35.17.61.2 35.17.61.2	CKVU BA 0371269 02 35.18.31.2 35.18.21.2	JM-- BA 0371586 02 35.17.11.2 35.13.11.2	CKYC BA 0371072 02 35.18.41.2 35.18.41.2
21	UNDEFIN * 35.10.31.2	UNDEFIN * 35.10.31.2	UNDEFIN * 35.10.31.2	CLVT BA 0371073 04 35.18.51.2 35.18.61.2 35.18.51.2	JJVA BA 0371589 04 35.17.71.2 35.18.11.2 35.18.51.2	CJMF BA 0371268 02 35.17.71.2 35.18.51.2
22		CLVR BA 0371075 04 35.18.51.2 35.18.71.2 35.18.51.2		CLIV BA 0371265 03 35.13.11.2		GJ-- BA 0371501 01 35.11.11.2
23			AE4-- BA 0371929 04 35.10.51.2 35.10.51.2 35.10.51.2	A B		A
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A	B	C	D	E	F
		WL-- PF 0371898 02 46.10.61.2 46.10.61.2		JLVR PF 0371077 04 46.10.21.2 46.10.21.2 46.10.21.2 46.10.21.2	
		WL-- PF 0371898 02 46.10.61.2 46.10.61.2		CG-- PF 0371263 03 46.10.21.2 46.10.21.2 46.10.21.2	
		WL-- PF 0371898 02 46.10.61.2 46.10.61.2		CQ-- PF 0371273 04 46.10.21.2 46.10.21.2 46.10.21.2 46.10.21.2	
		WL-- PF 0371898 02 46.10.61.2 46.10.61.2		CHWW PF 0371252 03 46.10.31.2 46.10.31.2 46.10.31.2	
		WL-- PF 0371898 02 46.10.61.2 46.10.61.2		JLVB PF 0371077 04 46.10.21.2 46.10.21.2 46.10.21.2 46.10.21.2	
		WL-- PF 0371898 02 46.10.61.2 46.10.61.2		CG-- PF 0371263 03 46.10.21.2 46.10.31.2 46.10.31.2	
		CR-- PF 0371276 04 46.10.61.2 46.10.61.2 46.10.61.2 46.10.61.2		JLVB PF 0371077 04 46.10.31.2 46.10.31.2 46.10.31.2 46.10.31.2	
		CR-- PF 0371276 04 46.10.61.2 46.10.61.2 46.10.61.2 46.10.61.2		CHWW PF 0371252 03 46.10.21.2 46.10.31.2 46.10.31.2	
		CR-- PF 0371276 04 46.10.61.2 46.10.61.2 46.10.61.2 46.10.61.2		CQ-- PF 0371273 04 46.10.31.2 46.10.31.2 46.10.31.2 46.10.31.2	
		FP-- PF 0371453 04 46.10.91.2 46.10.91.2 46.10.91.2 46.10.91.2		CGVV PF 0371262 03 46.10.61.2 46.10.31.2 46.10.31.2	
		HN-- PF 0371463 02 46.10.51.2 46.10.51.2		CHWW PF 0371252 03 46.10.31.2 46.10.31.2 46.10.41.2	
		HN-- PF 0371463 02 46.10.51.2 46.10.51.2		JLVB PF 0371077 04 46.10.31.2 46.10.31.2 46.10.31.2 46.10.31.2	
		FP-- PF 0371453 04 46.10.91.2 46.10.91.2 46.10.91.2 46.10.91.2		JLVB PF 0371077 04 46.10.41.2 46.10.41.2 46.10.41.2 46.10.41.2	
		HN-- PF 0371463 02 46.10.51.2 46.10.51.2		CQ-- PF 0371273 04 46.10.41.2 46.10.41.2 46.10.41.2 46.10.41.2	

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CIRCUIT CARD LOCATION CHART

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	A	B	C	D	E	F
1	CHVM PF 0371264 03 46.36.91.2 46.36.91.2 46.36.91.2	CH-- PF 0371266 03 46.36.81.2 46.36.81.2 46.36.91.2	UNDEFIN * RPO 46.36.21.2	UNDEFIN * RPO 46.36.21.2	UNDEFIN * RPO 46.36.21.2	CLVR CF 0371075 04 46.51.41.2
2	JMVB PF 0371079 04 46.36.91.2 46.36.91.2 46.36.91.2	JLVB PF 0371077 04 46.36.91.2 46.36.91.2 46.36.81.2	UNDEFIN * RPO 46.36.21.2	UNDEFIN * RPO 46.36.21.2	UNDEFIN * RPO 46.36.21.2	CJWF DS 0371268 02 46.51.31.2 46.51.31.2
3	CHVV PF 0371265 03 46.36.91.2 46.36.91.2 46.36.91.2	JGVV PF 0371581 03 46.36.91.2 46.36.91.2 46.36.91.2	UNDEFIN * RPO 46.36.21.2	UNDEFIN * RPO 46.36.21.2	UNDEFIN * RPO 46.36.21.2	COZY DS 0371271 04 46.51.21.2 46.51.21.2 46.51.21.2
4	CHVM PF 0371264 03 46.36.91.2 46.36.91.2 46.36.91.2	JGVV PF 0371582 03 46.36.91.2 46.36.91.2 46.36.91.2	JMVB PF 0371079 04 46.37.21.2 46.37.21.2	JGVV PF 0371582 03 46.37.31.2 46.37.31.2	JG-- PF 0371583 03 46.37.81.2 46.37.81.2	CJWF DS 0371268 02 46.51.31.2 46.51.31.2
5	CH-- PF 0371266 03 46.36.81.2 46.36.81.2 46.36.81.2	CPMT PF 0371259 06 46.36.81.2 46.36.81.2 46.36.81.2	COZY PF 0371271 04 46.37.91.2 46.37.91.2 46.37.91.2	COZY PF 0371271 04 46.37.91.2 46.37.91.2 46.37.91.2	COZY PF 0371271 04 46.37.91.2 46.37.91.2 46.37.91.2	CHVM DS 0371255 03 46.51.11.2 46.51.11.2 46.51.11.2
6	CH-- PF 0371266 03 46.36.81.2 46.36.81.2 46.36.81.2	JJVP PF 0371587 04 46.37.81.2 46.37.81.2 46.37.31.2	COZY PF 0371271 04 46.37.91.2 46.37.91.2 46.37.91.2	COZY PF 0371271 04 46.37.91.2 46.37.91.2 46.37.91.2	COZY PF 0371271 04 46.37.91.2 46.37.91.2 46.37.91.2	CJWF DS 0371268 02 46.51.31.2 46.51.31.2
7	FT-- PF 0371405 01 46.37.21.2	CH-- PF 0371256 08 46.37.21.2 46.37.21.2	CW-- PF 0371534 01 46.37.41.2	CW-- PF 0371534 01 46.37.61.2	CW-- PF 0371534 01 46.37.61.2	CHVM DS 0371255 03 46.51.11.2 46.51.11.2 46.51.11.2
8	AM-- PF 0371203 02 46.37.21.2	NU-- PF 0371476 02 46.37.21.2 46.37.21.2	CW-- PF 0371534 01 46.37.41.2	CW-- PF 0371534 01 46.37.61.2	CW-- PF 0371534 01 46.37.61.2	CO-- DS 0371273 04 46.51.11.2 46.51.11.2 46.51.11.2
9	JGVV PF 0371582 03 46.37.21.2 46.37.21.2	JJVP PF 0371587 04 46.37.21.2 46.37.21.2 46.37.21.2	CW-- PF 0371534 01 46.37.41.2	CW-- PF 0371534 01 46.37.61.2	CW-- PF 0371534 01 46.37.61.2	NGTF DS 0371635 04 46.51.11.2 46.51.11.2 46.51.11.2
10	CW-- PF 0371534 01 46.37.21.2	JG-- PF 0371583 03 46.37.21.2 46.37.21.2 46.37.21.2	CW-- PF 0371534 01 46.37.41.2	CW-- PF 0371534 01 46.37.61.2	CW-- PF 0371534 01 46.37.61.2	CO-- DS 0371273 04 46.51.11.2 46.51.11.2 46.51.11.2
11	CW-- PF 0371534 01 46.37.21.2	JG-- PF 0371583 03 46.37.21.2 46.37.21.2 46.37.21.2	CW-- PF 0371534 01 46.37.41.2	CW-- PF 0371534 01 46.37.61.2	CW-- PF 0371534 01 46.37.61.2	NGTF DS 0371635 04 46.51.11.2 46.51.11.2 46.51.11.2
12	CW-- PF 0371534 01 46.37.21.2	JG-- PF 0371583 03 46.37.21.2 46.37.21.2 46.37.21.2	CW-- PF 0371534 01 46.37.51.2	CW-- PF 0371534 01 46.37.61.2	CW-- PF 0371534 01 46.37.61.2	COYB DS 0371278 04 46.51.11.2 46.51.11.2 46.51.11.2
13	CW-- PF 0371534 01 46.37.21.2	JHVU PF 0371585 02 46.37.21.2 46.37.51.2	CW-- PF 0371534 01 46.37.51.2	CW-- PF 0371534 01 46.37.61.2	CW-- PF 0371534 01 46.37.61.2	NGTF DS 0371635 04 46.51.11.2 46.51.11.2 46.51.11.2
14	CW-- PF 0371534 01 46.37.21.2	JHVV PF 0371584 02 46.37.31.2 46.37.31.2	CW-- PF 0371534 01 46.37.51.2	COZT PF 0371272 04 46.37.21.2 46.36.81.2 46.36.81.2	CRZY PF 0371274 04 46.37.81.2 46.37.81.2 46.37.81.2	CHVM DS 0371264 03 46.51.11.2 46.51.11.2 46.51.11.2

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	A	B	C	D	E	F
15	JGVV PF 0371582 03 46.37.31.2 46.37.31.2 46.37.31.2	JHWV PF 0371504 02 46.37.31.2 46.37.31.2	CW PF 0371534 01 46.37.51.2	JJVP PF 0371587 04 46.37.81.2 46.37.81.2 46.37.81.2	JMVB PF 0371879 04 46.37.71.2 46.36.81.2 46.36.81.2	UNDEFIN * 46.36.21.2
			A			
16	CLVR PF 0371075 04 46.37.31.2	JGVV PF 0371581 03 46.37.31.2 46.37.31.2	CW PF 0371534 01 46.37.51.2	JGVV PF 0371580 03 46.37.81.2 46.37.81.2	CW PF 0371534 01 46.37.71.2	CW DS 0371534 01 46.51.41.2
	A C D		A		A	A
17	UNDEFIN * 46.36.21.2	CJWF PF 0371268 02 46.37.41.2 46.37.41.2	CGVV PF 0371261 03 46.37.51.2 46.37.51.2	COZV PF 0371271 04 46.37.41.2 46.37.41.2	PO PF 0371379 04 46.37.71.2 46.37.71.2	CO DS 0371273 04 46.51.41.2 46.51.41.2
18	CGVV PF 0371261 03 46.37.41.2 46.37.41.2	CGVV PF 0371268 02 46.37.41.2 46.37.41.2	CGVV PF 0371261 03 46.37.51.2 46.37.51.2	COZT PF 0371272 04 46.37.51.2 46.37.71.2	CGVV PF 0371262 03 46.37.71.2 46.37.71.2	OC DS 0371633 02 46.51.41.2 46.51.41.2
			D			
19	CGVV PF 0371262 03 46.37.41.2 46.37.41.2	CJWF PF 0371268 02 46.37.41.2 46.37.41.2	CGVV PF 0371262 03 46.37.51.2 46.37.51.2	COZV PF 0371271 04 46.37.51.2 46.37.51.2	JH PF 0371586 02 46.37.31.2 46.37.81.2	CJWF DS 0371268 02 46.51.31.2 46.51.31.2
20	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	CJWF DS 0371268 02 46.51.31.2 46.51.31.2	CJWF DS 0371268 02 46.51.31.2 46.51.31.2
21	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	COZV DS 0371271 04 46.51.21.2 46.51.21.2	COZV DS 0371271 04 46.51.21.2 46.51.21.2
22	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	CHWW DS 0371252 03 46.51.21.2 46.51.21.2	CHWW DS 0371252 03 46.51.21.2 46.51.21.2
23	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	CHWW DS 0371252 03 46.51.21.2 46.51.21.2	CHWW DS 0371252 03 46.51.21.2 46.51.21.2
24	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2
25	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2
26	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2	UNDEFIN * 46.36.21.2

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	A	B	C	D	E	F
1	CNWT PF 0371268 01 36.31.11.2	JH PF 0371586 02 36.31.01.2	CGVW PF 0371261 03 36.31.01.2	CJVV PF 0371267 04 36.37.11.2	CJYC PF 0371071 02 36.35.11.2	CU PF 0371534 01 36.35.11.2
2	COZY PF 0371271 01 36.31.11.2	LH PF 0371580 01 36.31.01.2	CLVR PF 0371075 01 36.37.11.2	CJVV PF 0371253 01 36.37.11.2	CLVR PF 0371075 01 36.37.11.2	CU PF 0371534 01 36.35.11.2
3	KA PF 0371584 01 36.31.11.2	JGVV PF 0371075 01 36.37.11.2	CJVV PF 0371267 04 36.37.11.2	CNEU PF 0371075 01 36.37.11.2	JLVB PF 0371071 01 36.37.11.2	CU PF 0371534 01 36.35.11.2
4	NB PF 0371591 01 36.31.31.2	CU PF 0371534 01 36.31.51.2	LJVV PF 0371580 01 36.31.01.2	JT PF 0371082 01 36.31.11.2	CLVR PF 0371075 01 36.37.11.2	CU PF 0371534 01 36.35.11.2
5	NC PF 0371592 01 36.31.11.2	CU PF 0371534 01 36.31.51.2	CO PF 0371273 01 36.31.01.2	JJMX PF 0371014 01 36.33.01.2	JHVV PF 0371584 01 36.35.11.2	CU PF 0371534 01 36.35.11.2
6	COZT PF 0371272 01 36.31.11.2	JHVV PF 0371584 01 36.31.01.2	CRZY PF 0371273 01 36.31.01.2	JJMX PF 0371014 01 36.33.01.2	CHVV PF 0371252 01 36.31.11.2	CU PF 0371534 01 36.35.11.2
7	CRZY PF 0371273 01 36.31.01.2	CLVR PF 0371075 01 36.37.11.2	CRZY PF 0371273 01 36.31.01.2	JJMX PF 0371014 01 36.33.01.2	CJVV PF 0371267 04 36.37.11.2	CJVF PF 0371268 01 36.37.11.2
8	JLVB PF 0371071 01 36.37.11.2	CJVV PF 0371267 04 36.37.11.2	CJVF PF 0371268 01 36.37.11.2	JHVV PF 0371584 01 36.35.11.2	CJYC PF 0371071 02 36.35.11.2	JJMX PF 0371014 01 36.33.01.2
9	CU PF 0371534 01 36.31.11.2	CU PF 0371534 01 36.31.51.2	CHVV PF 0371264 01 36.31.01.2	CKVV PF 0371075 01 36.37.11.2	CU PF 0371534 01 36.35.11.2	CGVV PF 0371264 01 36.31.01.2
10	CU PF 0371534 01 36.31.11.2	CU PF 0371534 01 36.31.51.2	CU PF 0371534 01 36.31.01.2	JJ PF 0371082 01 36.31.11.2	CU PF 0371534 01 36.35.11.2	JJMX PF 0371014 01 36.37.11.2
11	CU PF 0371534 01 36.31.11.2	CU PF 0371534 01 36.31.51.2	CNWW PF 0371259 01 36.31.01.2	JJVV PF 0371580 01 36.31.01.2	CU PF 0371534 01 36.35.11.2	CY PF 0371534 01 36.35.11.2
12	CU PF 0371501 01 36.01.11.2	CU PF 0371534 01 36.31.51.2	CRZY PF 0371273 01 36.31.01.2	JHVV PF 0371584 01 36.35.11.2	CU PF 0371534 01 36.35.11.2	CU PF 0371501 01 36.01.11.2
13	CU PF 0371534 01 36.31.11.2	CPHT PF 0371250 01 36.31.01.2	CGVV PF 0371264 01 36.31.01.2	CLVR PF 0371075 01 36.37.11.2	CU PF 0371534 01 36.35.11.2	CU PF 0371534 01 36.35.11.2
14	CU PF 0371534 01 36.31.11.2	CY PF 0371534 01 36.31.51.2	CPHT PF 0371250 01 36.31.01.2	JHVV PF 0371584 01 36.35.11.2	JHVV PF 0371584 01 36.35.11.2	JT PF 0371082 01 36.31.11.2

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CIRCUIT CARD LOCATION CHART

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DATE SEP 17, 1943

REMARKS

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A	B	C	D	E	F
CU 37153 PF 36-38-26-2	CBVV PF 36-38-26-2	JJMX PF 36-38-26-2		JN 37188 PF 36-38-26-2	JZ PF 36-38-26-2
A	CNMT PF 36-38-26-2	JJMX PF 36-38-26-2		JN 37188 PF 36-38-26-2	JZ PF 36-38-26-2
A	C E F	C			
CU 37153 PF 36-38-26-2	CJMR PF 36-38-26-2	JJMX PF 36-38-26-2		CJLV PF 36-38-26-2	CU 37153 PF 36-38-26-2
A					A
JMVB PF 36-38-26-2	CLVR PF 36-38-26-2	JHMV PF 36-38-26-2		CJLV PF 36-38-26-2	CU 37153 PF 36-38-26-2
					A
COZY PF 36-38-26-2	CLVF PF 36-38-26-2	CLVR PF 36-38-26-2		JJMX PF 36-38-26-2	JMVB PF 36-38-26-2
CRZT PF 36-38-26-2	CKVU PF 36-38-26-2	CU 37153 PF 36-38-26-2			
		A			
COYS PF 36-38-26-2	CJLV PF 36-38-26-2	USED 36-38-26-2	USED 36-38-26-2	JMVB PF 36-38-26-2	CU 37153 PF 36-38-26-2
		A	A		A
NETF PF 36-38-26-2	CBVV PF 36-38-26-2	CO PF 36-38-26-2	CU 37153 PF 36-38-26-2	COZY PF 36-38-26-2	CKMF PF 36-38-26-2
C D	CKVU PF 36-38-26-2	USED 36-38-26-2	CKVU PF 36-38-26-2	CJLV PF 36-38-26-2	
		A	B		

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	A	B	C	D	E	F
14	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
15	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
16	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
17	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
18	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
19	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
20	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
21	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
22	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
23	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
24	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
25	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2
26	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2	NO-CARD 01 32.30.21.2

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NOTE 01
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NOTE 09

32.37.41.2 32.37.41.2
32.37.51.2 32.37.51.2
32.38.11.2 32.38.11.2
32.38.21.2 32.38.21.2
32.39.31.2 32.39.31.2
42.41.01.2 42.41.01.2

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	A	B	C	D	E	F
1	CLVR BA 037107 04 32.45.11.2 32.45.11.2 32.45.11.2 32.45.11.2	CLVO BA 037125 03 32.44.11.2 32.44.11.2	JHVB BA 037107 04 32.42.11.2 32.42.11.2 32.42.11.2 32.42.11.2	CH-- BA 037126 03 32.42.11.2 32.42.11.2 32.42.11.2	4JMX 8M 037014 02 42.62.01.2 42.62.02.2	3JMX BA 037014 01 32.43.11.2 32.43.11.2
2		A CLVR 12K 037107 04 32.45.11.2 42.62.01.2 42.62.03.2	JLVB BA 037107 04 32.42.11.2 32.42.11.2 32.42.11.2	2JMX BA 037014 02 32.42.11.2 32.42.31.2	CEE-- 8M 037014 01 42.62.01.2 42.62.01.2	CEE-- BA 037014 01 32.43.21.2 32.43.21.2
3	CRZT BKR 037127 04 32.45.11.2 32.45.11.2 32.45.11.2	JHVB 8M 037107 04 32.42.01.2 32.45.11.2	CRYG BA 037127 04 32.42.11.2 32.42.11.2 32.46.51.2	COZV BA 037127 04 32.45.11.2 32.42.11.2 32.46.51.2	CLVR 8M 037107 04 42.62.01.2 42.62.01.2	CEE-- BA 037014 01 32.43.21.2 32.43.21.2
4	A B C CGVV BKR 037126 03 32.45.11.2	CJYC BA 037107 02 32.42.11.2	PO-- BA 037137 04 32.42.11.2 32.42.11.2	CKYC BA 037107 02 32.42.11.2 32.42.31.2	CEE-- 8M 037014 01 42.62.01.2 42.62.01.2	CJVV BA 037126 02 32.44.51.2
5	A C CLVR CU 037107 04 32.42.41.2	4JMX BA 037014 02 32.42.11.2 32.42.11.2	CGVV BA 037126 03 32.42.11.2 32.42.11.2	CJYC BA 037107 02 32.42.11.2 32.42.31.2	CEE-- 8M 037014 01 42.62.01.2 42.62.01.2	3JMX BA 037014 01 32.43.11.2 32.43.11.2
6	A B D	CLVR 8K 037107 04 42.62.02.2 42.62.02.2	CKMF BA 037127 02 32.42.11.2 32.42.11.2	CJYC BA 037107 02 32.42.11.2 32.42.41.2	CEE-- 8M 037014 01 42.62.02.2 42.62.02.2	CEE-- BA 037014 01 32.43.11.2 32.43.11.2
7		B D CGVV BA 037126 03 32.45.11.2 32.45.11.2 32.45.11.2	CKVV BA 037126 02 32.42.11.2 32.42.11.2	CLVT BA 037107 04 32.42.11.2 32.42.21.2	CEE-- 8M 037014 01 42.62.02.2 42.62.02.2	CEE-- BA 037014 01 32.43.11.2 32.43.11.2
8		CLVR BA 037107 04 56.80.11.2 42.45.11.2 56.80.11.2	PP-- BA 037136 04 32.42.11.2 32.42.11.2 32.45.21.2	CLVS BA 037107 01 32.42.41.2 32.44.31.2 32.42.41.2	CJWF 8M 037126 02 42.62.02.2 42.62.02.2	CEE-- BA 037014 01 32.43.11.2 32.43.11.2
9			D 3JMX BA 037014 02 32.45.21.2 32.45.21.2	2JMX BA 037014 02 32.42.31.2 32.45.21.2	ELVO BA 037125 03 32.43.11.2 32.43.21.2	CJWF 12M 037126 02 42.62.02.2
10					D 3JMX BA 037014 02 32.45.21.2	CEE-- BA 037014 01 32.43.11.2 32.43.11.2
11			C D CGVV BA 037126 03 32.45.11.2 32.45.11.2	CRZV BA 037127 04 32.46.51.2 32.46.51.2	CLVR BA 037107 04 32.45.11.2 32.45.11.2	CLVR 12M 037107 04 42.62.03.2 42.62.03.2
12						CEE-- BA 037014 01 32.43.11.2 32.43.11.2
13			B JHVB BA 037107 04 42.45.11.2 32.45.11.2	JHVB 1K2K 037107 04 32.42.41.2	CLVR BA 037107 04 32.45.11.2 32.46.11.2	CEE-- 12M 037014 01 42.62.03.2 42.62.03.2
14			A B D CRZV BA 037127 04 32.45.11.2 32.45.11.2	CJWF 4M 037126 02 32.44.11.2 32.44.11.2	CLVR BA 037107 04 32.44.11.2 32.46.21.2	CEE-- 12M 037014 01 42.62.03.2 42.62.03.2

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CIRCUIT CARD LOCATION CHART

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	A	B	C	D	E	F
15		CGWN BA 037125 03 56.80.11.2 56.80.11.2 56.80.11.2	CJMF BA 0371268 02 56.80.11.2 56.80.11.2 56.80.11.2	CLVR BA 0371075 04 56.80.11.2 56.80.11.2 56.80.11.2	BJMX 12H 037014 02 56.80.11.2 56.80.11.2 56.80.11.2	CEE- BA 037014 01 56.80.11.2 56.80.11.2 56.80.11.2
16		CLVR 1K2K 0371075 04 56.80.11.2 56.80.11.2 56.80.11.2	JMVB BA 037107 04 56.80.11.2 56.80.11.2 56.80.11.2	COZT BA 0371272 04 56.80.11.2 56.80.11.2 56.80.11.2	CO- 1K2K 0371273 04 56.80.11.2 56.80.11.2 56.80.11.2	CLVR 1H 0371075 04 56.80.11.2 56.80.11.2 56.80.11.2
17		CRZV FCF 0371274 04 56.80.11.2 56.80.11.2 56.80.11.2	CRZV BA 0371274 04 56.80.11.2 56.80.11.2 56.80.11.2	CRZT BA 0371275 04 56.80.11.2 56.80.11.2 56.80.11.2	CKWF 8K 0371276 02 56.80.11.2 56.80.11.2 56.80.11.2	CJMF 12H 0371268 02 56.80.11.2 56.80.11.2 56.80.11.2
18		CKVU FCF 0371269 02 56.80.11.2 56.80.11.2 56.80.11.2	CGWN BA 037125 03 56.80.11.2 56.80.11.2 56.80.11.2	CKWF BA 0371270 02 56.80.11.2 56.80.11.2 56.80.11.2	JFVP BA 0371576 04 56.80.11.2 56.80.11.2 56.80.11.2	CO- 1K2K 037127 04 56.80.11.2 56.80.11.2 56.80.11.2
19		CJYC FCF 0371071 02 56.80.11.2 56.80.11.2 56.80.11.2	3JMX BA 037014 02 56.80.11.2 56.80.11.2 56.80.11.2	CKWF 12K 0371276 02 56.80.11.2 56.80.11.2 56.80.11.2	CJMF 12K 0371268 02 56.80.11.2 56.80.11.2 56.80.11.2	CJMF 1K 0371268 02 56.80.11.2 56.80.11.2 56.80.11.2
20		CHVN FCF 0371264 03 56.80.11.2 56.80.11.2 56.80.11.2	3JMX BA 037014 02 56.80.11.2 56.80.11.2 56.80.11.2	CHNV BA 037125 03 56.80.11.2 56.80.11.2 56.80.11.2	CLVR BA 0371075 04 56.80.11.2 56.80.11.2 56.80.11.2	CJYC BA 0371071 02 56.80.11.2 56.80.11.2 56.80.11.2
21		CGVV FCF 0371262 03 56.80.11.2 56.80.11.2 56.80.11.2	CKYC BA 0371072 02 56.80.11.2 56.80.11.2 56.80.11.2	CLVR BA 0371075 04 56.80.11.2 56.80.11.2 56.80.11.2	CLVR 16H 0371075 04 56.80.11.2 56.80.11.2 56.80.11.2	CJMF BA 0371268 02 56.80.11.2 56.80.11.2 56.80.11.2
22		COZT FCF 0371272 04 56.80.11.2 56.80.11.2 56.80.11.2	CKYC 2K 0371072 02 56.80.11.2 56.80.11.2 56.80.11.2	CKWF BA 0371270 02 56.80.11.2 56.80.11.2 56.80.11.2	PP- BA 037136 04 56.80.11.2 56.80.11.2 56.80.11.2	CEE- BA 037014 01 56.80.11.2 56.80.11.2 56.80.11.2
23		COVB FCF 0371278 04 56.80.11.2 56.80.11.2 56.80.11.2	CLVB BA 037107 04 56.80.11.2 56.80.11.2 56.80.11.2	KA- BA 037154 04 56.80.11.2 56.80.11.2 56.80.11.2	PP- BA 037136 04 56.80.11.2 56.80.11.2 56.80.11.2	CEE- BA 037014 01 56.80.11.2 56.80.11.2 56.80.11.2
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CIRCUIT CARD LOCATION CHART

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SHEET 1
DATE AUG 06, 1963

	A	B	C	D	E	F
	CONN NO CARD 01 35.20.21.2	CONN NO CARD 01 35.20.21.2	CONN NO CARD 01 35.20.21.2	CONN NO CARD 01 35.20.21.2	CONN NO CARD 01 35.20.21.2	CONN NO CARD 01 35.20.21.2
1						
2						
3						
4	KA— BA 0371546 04 35.29.11.2 35.29.11.2 35.29.11.2 35.29.11.2	KA— BA 0371546 04 35.29.11.2 35.29.11.2 35.29.11.2 35.29.11.2	KA— BA 0371546 04 35.29.11.2 35.29.11.2 35.29.11.2 35.29.11.2	NGTF BA 0371635 04 35.29.11.2 36.41.11.2 36.41.11.2 36.41.11.2	NGTF BA 0371635 04 35.29.11.2 36.41.11.2 36.41.11.2 36.41.11.2	CKYC BA 0371072 02 36.48.21.2 36.48.21.2 36.48.21.2 36.48.21.2
5	CRZY BA 0371274 04 35.23.21.2 35.23.21.2 35.23.21.2 35.29.11.2	CRZY BA 0371274 04 35.23.11.2 35.23.11.2 35.23.11.2 35.29.11.2	CRZY BA 0371274 04 35.23.11.2 35.23.11.2 35.23.11.2 35.29.11.2	NGTF BA 0371635 04 35.23.11.2 36.41.21.2 36.41.21.2 36.41.21.2	NGTF BA 0371635 04 35.23.11.2 36.41.21.2 36.41.21.2 36.43.31.2	KA— BA 0371546 04 36.48.31.2 36.48.31.2 36.48.31.2 36.48.31.2
6	CRZY BA 0371274 04 35.23.21.2 35.23.21.2 35.23.21.2 35.29.11.2	CLVO BA 0371255 03 35.23.21.2 35.23.21.2 35.23.21.2 35.23.21.2	CLVO BA 0371255 03 35.23.21.2 35.23.21.2 35.23.21.2 36.43.31.2	CPWT BA 0371259 06 36.41.21.2 36.41.21.2 36.41.21.2 36.43.11.2	CY— BA 0371542 02 36.43.21.2 36.44.11.2 36.44.11.2	JLVB BA 0371077 04 44.62.02.2 36.47.11.2 36.43.21.2 36.41.11.2
7	CLVO BA 0371255 03 35.23.21.2 35.23.21.2 35.23.21.2 35.23.21.2	CLVO BA 0371255 03 35.23.21.2 35.23.21.2 35.23.21.2 35.23.21.2	CLVO BA 0371255 03 35.23.21.2 35.23.21.2 35.23.21.2 35.23.21.2	COZV BA 0371271 04 36.43.21.2 36.48.21.2 36.43.21.2 36.43.31.2	COZV BA 0371271 04 36.43.21.2 36.48.21.2 36.43.21.2 36.43.31.2	NC— BA 0371592 01 36.43.21.2
8	CLVO BA 0371255 03 35.23.21.2 35.23.21.2 35.23.21.2 35.23.21.2	CLVO BA 0371255 03 35.23.21.2 35.23.21.2 35.23.21.2 35.23.21.2	CLVO BA 0371255 03 35.23.21.2 35.23.21.2 35.23.21.2 36.43.21.2	CGWW BA 0371251 03 36.45.11.2 36.45.11.2 36.45.11.2 36.48.21.2	CEH— BA 0370139 02 36.44.11.2 36.44.11.2	GJ— BA 0371501 01 35.22.11.2
9	NI— BA 0371676 02 35.26.11.2 35.27.11.2	COYG STL 0371278 04 36.46.11.2 36.47.11.2 36.45.11.2 36.46.11.2	CNWT BA 0371260 06 35.27.11.2 36.48.31.2 36.48.31.2 36.43.31.2	CHVV BA 0371244 03 36.43.21.2 36.43.21.2 36.43.21.2 36.43.21.2	CEH— BA 0370139 02 36.44.11.2 36.44.11.2	AAF— BA 0371884 01 36.48.21.2
10	CNWT BA 0371260 06 35.22.11.2 35.22.11.2 35.22.11.2 35.22.11.2	CJVV BA 0371267 02 35.21.11.2 35.21.11.2	CRZY BA 0371274 04 36.47.11.2 36.41.11.2 36.41.11.2 36.43.31.2	CPWU BA 0371257 06 36.43.21.2 36.43.31.2 36.48.11.2	CKYC BA 0371072 02 36.44.11.2 36.45.11.2	CRZY BA 0371274 04 36.45.11.2 36.47.11.2 36.47.11.2 36.46.21.2
11	CY— BA 0371542 02 35.24.11.2 35.24.11.2	CY— BA 0371542 02 35.25.11.2 35.25.11.2	CY— BA 0371542 02 35.26.11.2 35.26.11.2	COZV BA 0371271 04 36.44.11.2 36.44.11.2 36.44.11.2 36.44.11.2	CHVV BA 0371252 03 36.43.21.2 36.48.21.2 36.48.11.2	COZY BA 0371272 04 36.48.21.2 36.48.21.2 36.48.11.2
12	CY— BA 0371542 02 35.24.11.2 35.24.11.2	CY— BA 0371542 02 35.25.11.2 35.25.11.2	CY— BA 0371542 02 35.26.11.2 35.26.11.2	CGVV BA 0371261 03 36.47.11.2 36.47.11.2 36.48.11.2	JMVB BA 0371079 04 36.48.31.2 36.48.31.2 36.43.21.2 36.48.11.2	NC— BA 0371592 01 36.43.21.2
13	CY— BA 0371542 02 35.24.11.2 35.24.11.2	CY— BA 0371542 02 35.25.11.2 35.25.11.2	CY— BA 0371542 02 35.26.11.2 35.27.11.2	CGVV BA 0371261 03 36.44.11.2 36.46.21.2 36.46.11.2	CKVV BA 0371269 02 36.44.11.2 36.43.21.2	4JMX BA 0370142 02 36.45.11.2 36.45.11.2
14	CY— BA 0371542 02 35.24.11.2 35.24.11.2	CY— BA 0371542 02 35.26.11.2 35.26.11.2	CY— BA 0371542 02 35.27.11.2 35.27.11.2	NC— BA 0371592 01 36.48.11.2	COYG BA 0371278 04 36.48.31.2 36.47.11.2 36.48.11.2 36.41.11.2	4JMX BA 0370142 02 36.45.11.2 36.45.11.2

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CIRCUIT CARD LOCATION CHART

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DATE AUG 06, 1963

	REMARKS					
	A	B	C	D	E	F
15	CKYC BA 0371072 02 35.23.11.2 35.23.11.2	CKYC BA 0371072 02 35.23.21.2 35.23.21.2	CEK- BA 0370143 02 35.21.11.2 35.21.11.2	CO- BA 0371273 04 36.48.21.2 36.48.31.2 36.46.11.2	CRZT BA 0371275 04 36.48.21.2 36.48.31.2 36.44.11.2	GJ- BA 0371501 01 35.22.11.2
16	CPMT BA 0371259 06 35.28.11.2 35.28.21.2 35.28.21.2	CEK- BA 0370143 02 35.21.11.2 35.21.11.2	CEK- BA 0370143 02 35.21.11.2 35.21.11.2	CEH- BA 0370139 02 36.43.11.2 36.43.11.2	CEH- BA 0370139 02 36.43.11.2 36.43.11.2	CU- BA 0371534 01 36.43.21.2
17	CLVT BA 0371073 04 36.42.21.2 36.45.11.2 36.42.21.2 35.28.11.2	CLVT BA 0371073 04 36.42.21.2 36.42.11.2 36.42.11.2 35.28.21.2	NC- BA 0371592 01 36.46.21.2	CKYC BA 0371072 02 36.42.11.2 36.42.11.2	CPMU BA 0371257 06 36.45.11.2 36.45.11.2 36.42.21.2	4JMX BA 0370142 02 36.45.11.2 36.45.11.2
18	CLVT BA 0371073 04 36.42.11.2 36.42.11.2 35.28.11.2	CLVT BA 0371073 04 36.44.11.2 36.42.21.2 35.28.21.2	CG- BA 0371263 03 35.21.11.2 35.21.11.2	CKYC BA 0371072 02 36.42.21.2	CPMT BA 0371259 06 36.43.11.2 36.47.11.2 36.48.31.2	COZV BA 0371271 04 36.46.11.2 36.43.11.2 36.46.11.2
19	CGVV BA 0371262 03 35.27.11.2 35.27.11.2 35.27.11.2	CG- BA 0371263 03 35.21.11.2 35.21.11.2	CG- BA 0371263 03 35.21.11.2 35.20.31.2 35.21.11.2	JLVB BA 0371077 04 36.48.21.2 36.48.21.2 36.48.21.2	2JMX BA 0370144 02 36.43.31.2 36.43.31.2	2JMX BA 0370144 02 36.46.11.2 36.46.11.2
20	CHWW BA 0371252 03 35.22.11.2 35.22.11.2 35.22.11.2	CHWW BA 0371252 03 35.27.11.2 36.45.11.2	COZV BA 0371271 04 35.27.11.2 35.26.31.2 35.22.11.2	CJVV BA 0371267 02 36.48.21.2 36.48.11.2	COZV BA 0371271 04 36.46.21.2 36.43.31.2 36.43.31.2	CRZT BA 0371275 04 36.46.11.2 36.46.11.2 36.46.11.2
21	CGWW CM 0371251 03 44.70.11.2	CRZV BA 0371274 04 35.21.11.2 35.24.11.2 35.24.11.2	JHVB BA 0371079 04 36.44.11.2 35.28.31.2 35.21.11.2 36.43.31.2	COZV BA 0371271 04 36.47.11.2 36.46.11.2 36.46.11.2	NC- BA 0371592 01 36.43.31.2	JZ- BA 0371082 01 36.46.21.2
22	CGWW FP 0371251 03 56.70.11.2 56.70.11.2	CHWT BA 0371260 06 35.21.11.2 35.27.11.2 35.27.11.2 35.21.11.2	CRZT BA 0371275 04 35.27.11.2 35.27.11.2 35.27.11.2 36.48.21.2	2JMX BA 0370144 02 36.46.11.2 36.46.11.2 36.46.11.2	CHWT BA 0371260 06 36.48.31.2 36.48.31.2 35.21.11.2 36.43.31.2	JN- BA 0371081 02 36.46.21.2 36.47.11.2
23	CLVR BA 0371075 04 35.28.21.2 35.28.21.2 36.43.31.2 35.28.11.2	CRZT BA 0371275 04 35.27.11.2 35.28.31.2 35.27.11.2	GJ- BA 0371501 01 35.22.11.2	CLVR BA 0371075 04 36.43.21.2 36.48.21.2 36.47.11.2 36.46.11.2	JZ- BA 0371082 01 36.47.11.2	CU- BA 0371534 01 36.46.21.2
24	CV- BT 0371542 02 41.10.21.2	CRZV BA 0371274 04 35.24.11.2 35.24.11.2 35.27.11.2	JLVB BA 0371077 04 35.21.11.2 36.48.11.2 35.21.11.2 36.46.11.2	2JMX BA 0370144 02 36.48.21.2 35.28.21.2	NC- BA 0371592 01 36.48.21.2	CGWW BA 0371251 03 36.46.21.2 36.46.21.2 36.46.21.2
25	EGWW FN 0371251 03 41.24.11.2 41.24.11.2 41.24.11.2	CH- BA 0371266 03 35.28.21.2 36.46.11.2	COZT BA 0371272 04 36.44.11.2 36.41.11.2 36.43.11.2	CGVV BA 0371262 03 36.48.21.2 36.48.31.2 36.48.31.2	COZV DS 0371271 04 46.51.71.2 46.51.71.2 46.51.71.2	OC- BA 0371633 02 36.48.31.2 36.48.31.2
26	CGWW ND 0371251 03 44.10.91.2 44.10.91.2	CJYC BM 0371071 02 44.62.02.2 44.62.02.2	JHVB BA 0371079 04 36.41.11.2 35.28.11.2 36.48.31.2 36.46.11.2	CLVO STL 0371252 03 36.47.11.2 36.47.11.2 36.48.21.2	COZV DS 0371271 04 46.51.71.2 46.51.71.2 46.51.71.2	CGVV CF 0371262 03 36.43.11.2 36.48.21.2 36.48.31.2

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	A	B	C	D	E	F
1						
2						
3						
4						
5		CRZT BA 0371275 04 31.07.11.2 31.23.11.2 31.02.11.2				
6	CKYC BA 0371072 02 31.01.11.2 31.01.11.2	CJMF BA 0371268 02 31.02.11.2 31.02.11.2	4JMX BA 0370142 02 31.05.11.2 31.09.11.2	KA— BA 0371546 04 31.09.11.2 31.09.11.2 31.09.11.2	KA— BA 0371546 04 31.24.11.2 31.24.11.2 31.25.11.2	KA— BA 0371546 04 31.31.11.2 31.31.11.2 31.31.11.2
7	JLVB BA 0371077 04 31.03.31.2 31.01.11.2 31.01.11.2 31.01.11.2	CJMF BA 0371268 02 31.02.11.2	CLVT BA 0371073 04 31.05.11.2 31.05.11.2 31.05.11.2	COZT BA 0371272 04 31.02.11.2 31.08.11.2 31.08.11.2	KA— BA 0371546 04 31.26.11.2 31.26.11.2 31.31.21.2	KA— BA 0371546 04 31.31.21.2 31.31.21.2 31.31.21.2
8	COZT BA 0371272 04 31.01.11.2 31.01.11.2 31.01.11.2 31.02.31.2	CLVS BA 0371074 03 31.02.11.2 31.26.11.2 31.02.11.2	CLVT BA 0371075 04 31.05.11.2 31.05.11.2 31.05.11.2	CJVV BA 0371267 02 31.08.11.2 31.08.11.2	PO— BA 0371370 04 31.02.21.2 31.21.11.2 31.02.11.2 31.26.11.2	CJVV BA 0371267 02 31.06.11.2 31.02.21.2
9	CGVV BA 0371262 03 31.06.11.2 31.01.11.2 31.02.21.2	CLVR BA 0371075 04 31.02.11.2 31.26.11.2 31.02.31.2 31.02.21.2	CLVR BA 0371075 04 31.05.11.2 31.08.11.2 31.08.11.2 31.05.11.2	JGWW BA 0371580 03 31.21.11.2 31.02.11.2 31.08.11.2	PO— BA 0371370 04 31.26.11.2 31.26.11.2 31.26.11.2 31.25.11.2	CRZV BA 0371278 04 31.30.11.2 31.25.11.2 31.30.11.2 31.31.11.2
10	CLVT BA 0371073 04 31.03.21.2 31.01.11.2 31.01.11.2 31.03.21.2	CLVS BA 0371074 03 31.02.11.2 31.05.21.2 31.02.11.2	CPMT BA 0371259 06 31.05.21.2 31.05.21.2 31.05.11.2	CRZV BA 0371274 04 31.23.11.2 31.08.11.2 31.24.11.2 31.25.11.2	JMVB BA 0371079 04 31.26.11.2 31.25.11.2 31.31.11.2 31.24.11.2	COYG BA 0371278 04 31.23.11.2 31.02.41.2 31.02.11.2 31.01.11.2
11	CEH— BA 0370139 02 31.01.11.2 31.02.41.2	JLVB BA 0371077 04 31.02.11.2 31.02.11.2 31.07.11.2	CLVT BA 0371073 04 31.05.21.2 31.05.21.2 31.05.21.2	CKWF BA 0371270 02 31.08.11.2 31.08.11.2	COYG BA 0371278 04 31.31.11.2 31.24.11.2 31.30.11.2	CY— BA 0371542 02 31.30.11.2
12	CHVV BA 0371265 03 31.02.31.2 31.02.41.2 31.01.11.2	PO— BA 0371370 04 31.02.11.2 31.02.41.2 31.05.31.2	CLVT BA 0371073 04 31.06.11.2 31.05.21.2 31.05.21.2	CKWF BA 0371270 02 31.08.11.2 31.08.11.2	HU— BA 0371676 04 31.26.11.2 31.24.11.2	CJVV BA 0371267 02 31.30.11.2
13	CRZT BA 0371275 04 31.02.11.2 31.02.11.2 31.04.11.2 31.01.11.2	JMVB BA 0371079 04 31.02.11.2 31.02.11.2 31.02.21.2 31.02.31.2	CRZV BA 0371274 04 31.02.11.2 31.02.11.2 31.02.11.2 31.01.11.2	JFVN BA 0371577 04 31.07.11.2 31.07.11.2 31.07.11.2 31.07.11.2	CY— BA 0371542 02 31.24.11.2 31.25.11.2	PP— BA 0371305 01 06 31.03.11.2 31.09.11.2 31.09.11.2 31.26.11.2
14	CNMT BA 0371260 06 31.01.11.2 31.02.11.2 31.03.11.2 31.02.11.2	CJMF BA 0371268 02 31.02.11.2	CHVV BA 0371265 03 31.05.31.2 31.08.11.2	COZV BA 0371271 04 31.09.11.2 31.09.11.2 31.09.11.2	CHMM BA 0371252 03 31.09.11.2 31.25.11.2 31.24.11.2	UNDEFIN 31.02.61.2

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	A	B	C	D	E	F
15	CGVV BA 0371262 03 31.04.11.2 31.03.11.2	CJWF BA 0371268 02 31.02.21.2 31.02.21.2	CKWF BA 0371270 02 31.05.31.2 31.05.31.2	CPWT BA 0371259 06 31.02.41.2 31.03.11.2 31.06.11.2	CR-- BA 0371276 04 31.23.11.2 31.04.11.2 31.23.11.2	UNDEFIN 31.02.41.2
16	JLVB BA 0371077 04 31.03.11.2 31.03.11.2 31.05.31.2	CJYC BA 0371071 02 31.02.21.2 31.02.21.2	CKWF BA 0371270 02 31.05.31.2 31.05.31.2	CLVT BA 0371073 04 31.24.11.2 31.06.11.2 31.21.11.2 31.06.11.2	JGWW BA 0371580 03 31.23.11.2 31.30.11.2 31.22.11.2	CJYC BA 0371071 02 31.25.11.2 31.26.11.2
17	COZT BA 0371272 04 31.03.11.2 31.03.21.2 31.03.31.2	COZT BA 0371272 04 31.02.41.2 31.02.41.2 31.02.11.2	JMVB BA 0371079 04 31.24.11.2 31.21.11.2 31.05.31.2 31.02.11.2	CLVR BA 0371075 04 31.06.11.2 31.24.11.2 31.24.11.2	CEH- BA 0370139 02 31.22.11.2 31.23.11.2	CLVO BA 0371255 03 31.02.11.2 31.26.11.2 31.30.11.2
18	CPWT BA 0371259 06 31.03.11.2 31.03.21.2 31.03.21.2 31.03.21.2	CJWF BA 0371268 02 31.02.31.2 31.02.31.2	JLVB BA 0371077 04 31.03.11.2 31.07.11.2 31.05.31.2 31.06.11.2	PP-- BA 0371365 04 31.03.11.2 31.02.11.2 31.22.11.2 31.23.11.2	JJVA BA 0371589 04 31.22.11.2 31.22.11.2 31.02.31.2 31.22.11.2	CKWF BA 0371270 02 31.25.11.2 31.06.11.2
19	CLVT BA 0371073 04 31.03.11.2 31.03.11.2 31.03.21.2 31.03.21.2	CGVV BA 0371261 03 31.03.11.2 31.01.11.2 31.02.11.2	CKWF BA 0371270 02 31.24.11.2 31.06.11.2	PO-- BA 0371370 04 31.07.11.2 31.07.11.2 31.09.21.2	CHVV BA 0371265 03 31.21.11.2 31.22.11.2 31.23.11.2	CLVT BA 0371073 04 31.02.11.2 31.05.31.2 31.06.11.2 31.03.11.2
20	COZV BA 0371271 04 31.03.11.2 31.04.11.2 31.05.31.2	CKWF BA 0371270 02 31.03.11.2 31.02.31.2	CRZT BA 0371275 04 31.06.11.2 31.08.11.2 31.06.11.2 31.07.11.2	CLVT BA 0371073 04 31.30.11.2 31.06.11.2 31.09.11.2	JHVV BA 0371585 02 31.24.11.2 31.21.11.2	CLVT BA 0371073 04 31.03.31.2 31.30.11.2 31.30.11.2 31.03.31.2
21	CHVV BA 0371264 03 31.03.21.2 31.03.11.2 31.03.31.2	CRYG BA 0371277 04 31.02.41.2 31.02.41.2 31.02.41.2	CGWW BA 0371251 03 31.02.31.2 31.07.11.2 31.08.11.2	CLVR BA 0371075 04 31.09.11.2 31.25.11.2 31.25.11.2 31.04.11.2	JJVN BA 0371588 04 31.21.11.2 31.21.11.2 31.23.11.2 31.07.11.2	JLVB BA 0371077 04 31.02.41.2 31.02.11.2 31.05.11.2 31.06.11.2
22	CRZV BA 0371274 04 31.03.11.2 31.03.31.2 31.03.31.2 31.06.11.2	JMVB BA 0371079 04 31.03.31.2 31.04.11.2 31.02.41.2 31.03.31.2	CR-- BA 0371276 04 31.07.11.2 31.04.11.2 31.04.11.2	CH-- BA 0371276 03 31.09.11.2 31.09.11.2 31.09.11.2	2JMX BA 0370144 02 31.26.11.2 31.20.11.2	CRZT BA 0371275 04 31.08.11.2 31.30.11.2 31.02.11.2 31.02.31.2
23	NU-- BA 0371676 02 31.03.31.2 31.09.11.2	CJVV BA 0371267 02 31.02.41.2 31.02.41.2	CEH- BA 0370139 02 31.04.11.2 31.07.11.2	COZV BA 0371271 04 31.23.11.2 31.09.11.2 31.09.11.2 31.24.11.2	PO-- BA 0371370 04 31.24.11.2 31.23.11.2 31.20.11.2 31.21.11.2	JMVB BA 0371079 04 31.02.31.2 31.02.21.2 31.02.11.2 31.01.11.2
24	CKVV BA 0371269 02 31.03.31.2 31.03.31.2	PP-- BA 0371365 04 31.02.41.2 31.04.11.2 31.02.11.2	CHVV BA 0371264 03 31.04.11.2 31.09.11.2 31.04.11.2	JLVB BA 0371077 04 31.30.11.2 31.31.11.2 31.24.11.2 31.09.11.2	JHVV BA 0371584 02 31.20.11.2 31.20.11.2	CJWF BA 0371268 02 31.02.11.2 31.02.31.2
25	CKWF BA 0371270 02 31.03.11.2 31.04.11.2	CGVV OV 0371267 03 31.07.11.2 31.07.11.2 31.05.11.2	JZ-- BA 0371082 01 31.04.11.2	CLVS BA 0371074 03 31.09.21.2 31.09.21.2 31.09.21.2	JHVV BA 0371585 02 31.20.11.2 31.20.11.2	CLVR OV 0371075 04 31.05.21.2 31.02.11.2 31.02.21.2 31.07.11.2
26	2JMX BA 0370144 02 31.03.31.2 31.07.11.2	CLVR BA 0371075 04 31.02.11.2 31.02.21.2 31.08.11.2	JN-- BA 0371081 02 31.04.11.2	CLVS BA 0371074 03 31.22.11.2 31.03.11.2 31.09.21.2	CY-- BA 0371542 02 31.09.21.2 31.26.11.2	CLVR OV 0371075 04 31.02.11.2 31.03.11.2 31.03.11.2 31.03.11.2 31.03.11.2

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A	B	REMARKS	C	D	E	F
JFYA BA 0371576 01 31.10.11.2		JFVN BA 0371577 01 31.10.11.2	AED- BA 0371946 01 31.10.11.2			CEA- BA 0371944 01 31.10.11.2
A D						
DAB- BA 037192 01 31.12.11.2	DGP- BA 0371934 01 31.12.11.2	JLVB BA 0371977 01 31.12.11.2	COZT BA 0371272 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	
CHWM BA 0371252 01 31.12.11.2	RPO- RPO UNDEFIN 0 31.12.11.2	CEA- BA 0371944 01 31.12.93.2	CJMV BA 0371253 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	CLVR BA 037107 01 31.12.11.2	
RPO- RPO UNDEFIN 0 31.12.11.2	CAC- BA 0371922 01 31.12.11.2	CEA- BA 0371944 01 31.12.93.2	CJVV BA 0371267 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	CJYC BA 037107 01 31.12.11.2	
CHWM BA 0371252 01 31.12.11.2	RPO- RPO UNDEFIN 0 31.12.11.2	CEA- BA 0371944 01 31.12.93.2	CJVV BA 0371267 01 31.12.11.2	LGVM BA 037107 01 31.12.11.2	CRZT BA 037107 01 31.12.11.2	
CH- BA 0371534 01 31.12.11.2	CNMT BA 0371260 01 31.12.11.2	CEA- BA 0371944 01 31.12.94.2	2JMX BA 0370144 01 31.12.11.2	3JMX BA 0370144 01 31.12.11.2	CCWM BA 037107 01 31.12.11.2	
JMVB BA 0371079 01 31.12.11.2	CKVU BA 0371269 01 31.12.11.2	DGO- BA 0370342 01 31.12.11.2	PO- BA 0371370 01 31.12.11.2	JGVH BA 0371501 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	
AED- BA 0371946 01 31.10.12.2	CAC- BA 0371922 01 31.12.11.2	CLVR BA 0371075 01 31.10.10.2	CNMT BA 0371260 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	JLVB BA 0371077 01 31.12.11.2	
AED- BA 0371946 01 31.10.12.2	DGP- BA 037034 01 31.12.11.2	CAC- BA 0371922 01 31.12.11.2	CNMT BA 0371260 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	PP- BA 0371365 01 31.12.11.2	
PO- BA 0371370 01 31.12.11.2	PP- BA 0371365 01 31.12.11.2	JFVN BA 0371577 01 31.12.11.2	CH- BA 0371534 01 31.12.11.2	J2- BA 0371082 01 31.12.11.2	JFVN BA 0371577 01 31.12.11.2	
AED- BA 0371946 01 31.10.12.2	DGP- BA 037034 01 31.12.11.2	KA- BA 0371166 01 31.12.11.2	CKVU BA 0371269 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	2JMX BA 0370144 01 31.12.11.2	

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	A	B	C	D	E	F
15	AED- BA 0371946 01 31.10.11.2	DGP- BA 0370343 03 31.12.51.2 31.12.71.2	CLVT BA 0371073 04 34.31.16.2 34.31.11.2 34.32.17.2	CKVU BA 0371269 02 34.32.11.2 34.32.11.2	CHHW BA 0371252 03 34.32.11.2 34.32.16.2	CLVU BA 0371267 02 34.33.12.2 34.33.12.2
16	AED- BA 0371946 01 31.10.11.2	DGP- BA 0370343 03 31.12.51.2 31.12.62.2	CPWT BA 0371259 06 34.32.17.2 34.32.17.2 34.32.17.2	CKWV BA 0371254 02 34.31.14.2 34.32.11.2	2JMX BA 0370144 02 34.32.16.2	CGWW BA 0371251 03 34.33.11.2 34.33.12.2 34.33.12.2
17	COZV BA 0371271 04 34.31.12.2 34.31.12.2 31.10.11.2	DGP- BA 0370343 03 31.12.51.2 31.12.92.2	CLVT BA 0371073 04 34.31.16.2 34.31.16.2 34.32.17.2	CH- BA 0371534 01 34.31.17.2	PP- BA 0371365 04 34.32.16.2 34.32.16.2 34.32.13.2	CRYG BA 0371277 04 34.33.11.2 34.33.11.2 34.33.11.2
18	DGP- BA 0370342 03 31.10.11.2 31.12.12.2 31.12.12.2	DGP- BA 0370342 03 31.12.41.2 31.12.42.2	4JMX BA 0370142 02 34.32.16.2 34.31.11.2	JHYB BA 0371079 04 34.31.12.2 34.31.17.2 31.12.94.2 34.31.13.2	CHWT BA 0371268 06 34.32.16.2 34.32.16.2 34.31.12.2	CKVU BA 0371269 02 34.33.11.2 34.33.11.2
19	DGP- BA 0370343 03 31.10.11.2 31.12.61.2	DGP- BA 0370342 03 31.12.32.2 31.12.41.2	CKWV BA 0371254 02 34.31.11.2 34.31.13.2	CHWV BA 0371264 03 34.31.15.2 34.33.11.2 34.33.11.2	CRZV BA 0371274 04 34.32.16.2 34.32.16.2 34.31.15.2	KA- BA 0371546 04 34.33.11.2 34.33.11.2 34.33.11.2
20	PP- BA 0371365 04 31.12.94.2	DGP- BA 0370342 03 31.12.31.2 31.12.31.2	CJYC BA 0371071 02 34.31.11.2 34.31.13.2	CY- BA 0371542 02 34.31.16.2 34.31.15.2	4JMX BA 0370142 02 34.32.16.2 34.32.16.2	JLVB BA 0371077 04 34.33.11.2 34.33.11.2 34.33.11.2
21	CEA- BA 0371946 01 31.10.11.2	DGP- BA 0370342 03 31.12.21.2 31.12.22.2	CJHF BA 0371268 02 34.31.16.2 34.31.11.2	CPWT BA 0371259 06 34.32.17.2 34.32.17.2 34.32.17.2	JJVN BA 0371588 04 34.32.17.2 34.32.17.2 34.32.17.2	CKWF BA 0371276 02 34.33.11.2 34.33.11.2
22	DGP- BA 0370343 03 31.10.11.2 31.10.11.2	CLVR BA 0371075 04 34.33.11.2 34.31.14.2	JLVB BA 0371077 04 34.33.11.2 34.33.17.2 34.33.14.2	CJYC BA 0371071 02 34.31.11.2 34.31.11.2	JJVN BA 0371588 04 34.32.17.2 34.32.17.2 34.32.17.2	CKWF BA 0371276 02 34.33.11.2 34.33.11.2
23	JJVN BA 0371588 04 34.32.17.2 34.32.17.2 31.10.11.2	DGP- BA 0370342 03 31.12.93.2 31.12.94.2	CLVR BA 0371075 04 34.33.11.2 34.31.13.2	CRYG BA 0371277 04 34.33.11.2 34.33.11.2 34.31.15.2	JJVN BA 0371588 04 34.32.17.2 34.32.17.2 31.10.11.2	CHVV BA 0371276 02 34.33.11.2 34.33.11.2
24	CM- BA 0371256 08 31.10.11.2	CAC- BA 0371922 03 31.10.11.2 31.10.11.2	JN- BA 0371081 02 34.31.14.2 34.31.13.2	CLVR BA 0371075 04 34.33.11.2 34.33.13.2 34.31.14.2	4JMX BA 0370142 02 34.32.16.2 34.32.17.2	CLVR BA 0371077 04 34.33.11.2 34.32.11.2
25	AM- BA 0371203 02 31.10.11.2	CKVU BA 0371269 02 34.33.11.2	JH- BA 0371586 02 34.33.11.2 34.31.15.2	JGVW BA 0371581 03 34.33.11.2 31.10.11.2	4JMX BA 0370142 02 34.32.17.2	CKWF BA 0371276 02 34.33.11.2
26	RK- BA 0371788 01 31.10.11.2	AED- BA 0371946 01 31.12.94.2	CJYC BA 0371071 02 34.31.11.2	JZ- BA 0371082 01 34.31.14.2	4JMX BA 0370142 02 34.32.17.2	2JMX BA 0370144 02 34.33.11.2 34.33.13.2

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	REMARKS					
	A	B	C	D	E	F
1	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2
2	B	A	B	A	B	B
3	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2
4	B	A	A	A	B	B
5	OC-- BA 037163 02 36.10.11.2 36.24.11.2	JLVB BA 037107 04 36.10.11.2 36.10.21.2 36.10.21.2 36.10.21.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2	CONN NO CARD 01 36.01.22.2
6	CW-- BA 037153 01 36.10.21.2	COZT BA 037127 04 36.11.11.2 36.10.21.2 36.10.21.2 36.24.11.2	NGXX BA 037199 04 36.10.11.2 36.10.11.2 36.10.11.2 36.24.11.2	COZV BA 037127 04 36.13.31.2 36.13.21.2 36.13.21.2 36.13.11.2	NGTF BA 037163 04 36.01.31.2 36.01.31.2 36.21.11.2 36.10.21.2	NGTF BA 037163 04 36.16.11.2 36.21.11.2 36.24.11.2 36.50.11.2
7	A	A	A	B	B	A
8	JZ-- BA 037108 01 36.10.11.2	JMVB BA 037107 04 36.13.11.2 36.10.21.2 36.10.21.2 36.21.11.2	NGXX BA 037199 04 36.16.11.2 36.21.11.2 36.21.11.2 36.21.11.2	CRZT BA 037127 04 36.13.11.2 36.13.11.2 36.13.11.2 36.13.11.2	CKWF BA 037127 02 36.14.11.2	NGXX BA 037199 04 36.24.11.2 36.18.11.2 36.18.11.2 36.21.11.2
9	PP-- BA 037136 04 36.01.21.2 36.01.31.2 36.10.11.2 36.24.11.2	COZT BA 037127 04 36.01.21.2 36.10.11.2 36.10.11.2 36.12.11.2	COY6 BA 037127 04 36.24.11.2 36.10.11.2 36.02.11.2	CKYC BA 037107 02 36.13.11.2 36.13.21.2	CKYC BA 037107 02 36.13.31.2 36.14.11.2	NGXX BA 037199 04 36.50.11.2 36.50.11.2 36.24.11.2 36.24.11.2
10	CHVV BA 037126 03 36.13.21.2 36.10.11.2 36.10.11.2	CJYC BA 037107 02 36.02.11.2 36.10.11.2	JFVN BA 037157 04 36.24.11.2 36.10.11.2 36.21.11.2	JMVB BA 037107 04 36.50.11.2 36.50.11.2 36.13.21.2	CRZV BA 037127 04 36.50.11.2 36.50.11.2 36.13.31.2	OC-- BA 037163 02 36.50.11.2 36.50.11.2
11	CJYC BA 037107 02 36.01.21.2 36.01.31.2 36.01.31.2	CLVR BA 037107 04 36.10.11.2 36.01.21.2 36.01.21.2 36.22.11.2	CG-- BA 037126 03 36.02.11.2 36.02.11.2 36.02.11.2	CR-- BA 037126 04 36.13.11.2 36.12.21.2 36.13.21.2 36.13.21.2	JGHW BA 037158 03 36.02.11.2 36.12.21.2 36.50.11.2 36.11.11.2	OD-- BA 037107 02 36.50.11.2 36.50.11.2
12	JMVB BA 037107 04 36.01.31.2 36.01.31.2 36.01.21.2 36.01.31.2	CGVV BA 037126 03 36.16.11.2 36.16.11.2 36.02.11.2	CKWF BA 037127 02 36.13.31.2	CJYC BA 037107 02 36.13.21.2 36.14.11.2	JZ-- BA 037108 01 36.24.11.2	CGWW BA 037125 03 36.50.11.2 36.50.11.2 36.10.21.2
13	CHVV BA 037126 03 36.50.11.2 36.16.11.2 36.12.11.2	CW-- BA 037153 01 36.01.31.2	CW-- BA 037153 01 36.02.11.2	CGVV BA 037126 03 36.21.11.2 36.13.21.2 36.16.11.2	CW-- BA 037153 01 36.24.11.2	CKYC BA 037107 02 36.11.11.2 36.50.11.2
14	A	A	A	A	A	A
15	JLVB BA 037107 04 36.13.31.2 36.13.31.2 36.70.21.2 36.01.21.2	COZT BA 037127 04 36.10.21.2 36.11.11.2 36.02.11.2 36.13.31.2	CLVR BA 037107 04 36.14.11.2 36.10.11.2 36.10.11.2 36.13.31.2	CLVR BA 037107 04 36.13.21.2 36.10.21.2 36.11.11.2 36.13.31.2	CGWW BA 037125 03 36.21.11.2 36.21.11.2 36.50.11.2	COZT OVR 037127 04 36.01.21.2 36.10.11.2 36.11.11.2 36.22.11.2
16	CO-- BA 037127 04 36.70.21.2 36.14.11.2 36.70.21.2 36.70.21.2	CHVV FP 037126 03 36.70.21.2 36.70.21.2 36.70.21.2 36.70.21.2	CLVR FP 037107 04 36.70.21.2 36.70.21.2 36.70.21.2 36.50.11.2	CLVR OVR 037107 04 36.11.11.2 36.12.21.2 36.01.31.2 36.01.31.2 36.01.31.2 36.01.31.2	CLVR OVR 037107 04 36.22.11.2 36.22.11.2 36.50.11.2	CKVU CH 037126 02 36.01.31.2 36.13.21.2

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	A	B	C	D	E	F
15	JZ-- FP 0371082 01 36.70.21.2	COYG FP 0371278 04 36.70.21.2 36.70.21.2 36.70.21.2 36.70.21.2	CLVR FP 0371075 04 36.70.21.2 36.74.11.2 36.10.11.2	AAF-- BA 0371884 01 36.10.21.2	PO-- BA 0371370 04 36.01.31.2 36.16.11.2 36.01.31.2	CJVV CH 0371267 02 36.13.11.2 36.13.31.2
16	JZ-- FP 0371082 01 36.70.21.2	JN-- CFC 0371081 02 36.01.21.2 36.10.11.2	CS-- CFC 0371263 03 36.01.21.2 36.01.31.2 36.10.21.2	CLVO CFC 0371255 03 36.13.31.2 36.14.31.2 36.10.11.2 36.11.11.2	CRZT BA 0371275 04 36.11.11.2 36.21.11.2 36.12.11.2 36.11.11.2	CLVR CH 0371075 04 36.14.11.2 36.13.11.2 36.13.11.2
17	CGVV BA 0371262 03 36.70.21.2 36.70.21.2 36.70.21.2	CRZV BA 0371274 04 36.11.11.2 36.10.11.2 36.24.11.2 36.18.11.2	COYG CFC 0371278 04 36.10.11.2 36.13.31.2 36.10.11.2 36.24.11.2	CLVR OVRP 0371075 04 36.11.11.2 36.11.11.2 36.12.11.2 36.12.11.2 36.12.11.2	COZT RP 0371272 04 36.13.31.2 36.13.11.2 36.13.31.2 36.13.21.2	CRZT BA 0371275 04 36.50.11.2 36.21.11.2 36.13.11.2 36.50.11.2
18	CH-- BA 0371266 03 36.12.11.2 36.12.11.2 36.12.11.2	CHWW BA 0371252 03 36.12.11.2 36.12.11.2 36.22.11.2	COZT BA 0371272 04 36.21.11.2 36.13.11.2 36.10.21.2	CJYC BA 0371071 02 36.11.11.2 36.12.11.2	JLVB BA 0371077 04 36.14.11.2 36.14.11.2 36.21.11.2 36.13.11.2	CJWF RP 0371268 02 36.21.11.2 36.16.11.2
19	COZT BA 0371272 04 36.12.11.2 36.02.11.2 36.12.11.2 36.12.11.2	PP-- BA 0371365 04 36.22.11.2 36.11.11.2 36.22.11.2 36.01.31.2	JZ-- BA 0371082 01 36.01.21.2	3JMX BA 0370141 02 36.14.11.2 36.12.21.2	CLVR BA 0371075 04 36.14.11.2 36.01.21.2 36.24.11.2 36.01.21.2	CLVO RP 0371255 03 36.13.11.2 36.3.11.2 36.3.11.2 36.3.11.2 36.13.21.2 36.01.21.2 36.11.11.2 36.21.11.2
20	CW-- BA 0371534 01 36.21.11.2	CLVT BA 0371073 04 36.13.31.2 36.13.11.2 36.13.31.2	JZ-- BA 0371082 01 36.10.21.2	CJWF BA 0371268 02 36.14.11.2	KA-- BA 0371546 04 36.18.11.2 36.18.11.2 36.18.11.2 36.18.11.2	CGVV OVRP 0371262 03 36.12.71.2 36.22.1.2 36.16.1.2
21	CJYC BA 0371071 02 36.22.11.2	CGVV BA 0371251 03 36.13.11.2 36.14.11.2	JN-- RP 0371081 02 36.01.21.2 36.18.21.2	COZV BA 0371271 04 36.22.11.2 36.14.11.2 36.14.11.2	COZT BA 0371272 04 36.18.11.2 36.18.11.2 36.50.11.2	CLVO RP 0371255 03 36.13.11.2 36.13.11.2 36.13.11.2 36.13.11.2 36.13.11.2
22	CW-- BA 0371534 01 36.22.11.2	JLVB BA 0371077 04 36.13.11.2 36.16.11.2 36.13.11.2	CH-- BA 0371534 01 36.11.11.2	COZT BA 0371272 04 36.14.11.2 36.21.11.2 36.14.11.2 36.02.11.2	JMVB BA 0371079 04 36.10.21.2 36.13.11.2 36.50.11.2 36.13.11.2	COYG RP 0371278 04 36.01.21.2 36.11.11.2 36.21.11.2 36.11.11.2
23	CJYC BA 0371071 02 36.22.11.2	CLVR BA 0371075 04 36.01.31.2 36.22.11.2 36.12.21.2	COZT BA 0371272 04 36.11.11.2 36.11.11.2 36.11.11.2 36.02.11.2	CKYC BA 0371072 02 36.14.11.2 36.16.11.2	COZV BA 0371271 04 36.22.11.2 36.22.11.2 36.21.11.2	CKYC RP 0371072 02 36.13.11.2
24	CW-- BA 0371534 01 36.22.11.2	CHVV BA 0371265 03 36.21.11.2 36.13.11.2 36.14.11.2	CW-- BA 0371534 01 36.11.11.2	CHWW BA 0371252 03 36.14.11.2 36.14.11.2 36.11.11.2	CRZV BA 0371274 04 36.01.31.2 36.14.11.2 36.12.21.2 36.13.11.2	CLVR RP 0371075 04 36.01.21.2 36.13.31.2 36.13.11.2 36.13.11.2 36.12.21.2
25	CW-- BA 0371534 01 36.12.11.2	CR-- BA 0371276 04 36.12.21.2 36.12.21.2 36.13.21.2	CW-- BA 0371534 01 36.12.11.2	CJYC BA 0371071 02 36.16.11.2 36.24.11.2	JMVB BA 0371079 04 36.50.11.2 36.16.11.2 36.11.11.2 36.02.11.2	CR-- RP 0371276 04 36.13.21.2 36.13.11.2 36.13.11.2
26	CRYG BA 0371277 04 36.12.21.2 36.13.11.2 36.01.31.2	NU-- BA 0371676 02 36.11.11.2 36.22.11.2	CPHT BA 0371259 06 36.12.11.2 36.12.11.2 36.13.31.2	CRZT BA 0371275 04 36.18.11.2 36.18.11.2 36.18.11.2 36.18.11.2	CGVV BA 0371261 03 36.14.11.2 36.50.11.2 36.12.21.2	CKWF RP 0371270 02 36.13.11.2

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A	B	REMARKS C	D	E	F
		COZY BA 0371271 04 36.37.41.2 36.38.31.2 36.37.41.2	CHWW BA 0371252 03 36.37.41.2 36.37.41.2	CJVV BA 0371267 02 36.37.51.2 36.37.51.2	CRZV BA 0371274 04 36.37.51.2 36.38.01.2 36.37.51.2 36.37.51.2
1		D			
		CW- BA 0371534 01 36.37.41.2	CW- BA 0371534 01 36.37.41.2	CGVV BA 0371262 03 36.37.51.2 36.37.51.2	COZY BA 0371271 04 36.37.51.2 36.37.41.2 36.37.41.2
2		A	A		
	JMVB BA 0371079 04 36.37.51.2 36.39.91.2 36.39.91.2 36.39.91.2	CHWW BA 0371252 03 36.37.41.2 36.37.41.2 36.37.41.2	CNWT BA 0371260 06 36.37.41.2 36.37.41.2 36.37.41.2	CJVV BA 0371253 02 36.38.41.2 36.38.41.2	CLVR BA 0371075 04 36.37.51.2 36.38.01.2
3			E F		B D
	JMVB BA 0371079 04 36.37.51.2 36.37.41.2 36.37.41.2 36.37.41.2	CNWT BA 0371260 06 36.39.91.2 36.39.91.2 36.39.91.2	CNWT BA 0371260 06 36.39.91.2 36.37.41.2 36.37.41.2	CGWW BA 0371251 03 36.38.41.2 36.38.41.2 36.38.41.2	CJVV BA 0371253 02 36.38.41.2
4		E F	E F		
	AEC- NNU 0371940 02 36.38.61.2 36.38.61.2	AEC- NNU 0371940 02 36.38.61.2 36.38.61.2	AEC- NNU 0371940 02 36.38.61.2 36.38.61.2	JMVB BA 0371079 04 36.38.41.2 36.38.41.2 36.38.41.2	CJVV BA 0371253 02 36.38.41.2 36.38.41.2
5					
	AEC- NNU 0371940 02 36.38.71.2 36.38.71.2	AEC- NNU 0371940 02 36.38.71.2 36.38.61.2	AEC- NNU 0371940 02 36.38.71.2 36.38.71.2	CJYC BA 0371071 02 36.38.51.2 36.38.51.2	JMVB BA 0371079 04 36.38.51.2 36.38.51.2 36.38.51.2
6					
	AEC- NNU 0371940 02 36.38.71.2 36.38.71.2	AEC- NNU 0371940 02 36.38.71.2 36.38.71.2	AEC- NNU 0371940 02 36.38.71.2 36.38.71.2	CLVR BA 0371075 04 36.38.51.2 36.38.51.2 36.38.51.2	COZY BA 0371271 04 36.38.51.2 36.38.51.2 36.38.41.2 36.38.31.2
7					
	AEC- NNU 0371940 02 36.38.81.2 36.38.81.2	AEC- NNU 0371940 02 36.38.81.2 36.38.81.2	AEC- NNU 0371940 02 36.38.81.2 36.38.81.2	CJYC BA 0371071 02 36.38.51.2 36.38.41.2	CJYC BA 0371071 02 36.38.51.2 36.38.51.2
8					
	AEC- NNU 0371940 02 36.38.81.2 36.38.81.2	AEC- NNU 0371940 02 36.38.81.2 36.38.81.2	AEC- NNU 0371940 02 36.38.81.2 36.38.91.2	CLVR BA 0371075 04 36.38.51.2 36.38.51.2 36.38.51.2	CJYC BA 0371071 02 36.38.51.2
9					
	AEC- NNU 0371940 02 36.38.91.2 36.38.91.2	AEC- NNU 0371940 02 36.38.91.2 36.38.91.2	AEC- NNU 0371940 02 36.38.91.2 36.38.91.2	CY- BA 0371545 02 36.38.51.2 36.38.31.2	CLVR BA 0371075 04 36.38.11.2 36.37.51.2 36.38.31.2
10					
	AEC- NNU 0371940 02 36.39.01.2 36.39.01.2	AEC- NNU 0371940 02 36.39.01.2 36.39.01.2	AEC- NNU 0371940 02 36.39.01.2 36.39.01.2	JMVB BA 0371079 04 36.38.01.2 36.38.01.2 36.38.11.2 36.38.11.2	JMVB BA 0371079 04 36.38.11.2 36.38.11.2 36.38.11.2
11					
	AEC- NNU 0371940 02 36.39.01.2 36.39.01.2	AEC- NNU 0371940 02 36.39.01.2 36.39.01.2	AEC- NNU 0371940 02 36.39.01.2 36.39.01.2	JMVB BA 0371079 04 36.38.01.2 36.38.01.2 36.38.01.2	JMVB BA 0371079 04 36.38.01.2 36.38.01.2 36.38.01.2
12					
	AEC- NNU 0371940 02 36.39.11.2 36.39.11.2	AEC- NNU 0371940 02 36.39.11.2 36.39.11.2	AEC- NNU 0371940 02 36.39.11.2 36.39.11.2	JMVB BA 0371079 04 36.38.11.2 36.38.11.2 36.38.11.2	CLVR BA 0371075 04 36.38.01.2 36.38.01.2 36.38.01.2
13					
	AEC- NNU 0371940 02 36.39.11.2 36.39.11.2	AEC- NNU 0371940 02 36.39.11.2 36.39.11.2	AEC- NNU 0371940 02 36.39.11.2 36.39.21.2	CHWW BA 0371252 03 36.38.01.2 36.38.01.2 36.38.01.2	CHWW BA 0371252 03 36.38.01.2 36.38.11.2
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	A	B	C	D	E	F
15		AEC- NNU 0371940 02 36.39.21.2 36.39.21.2	AEC- NNU 0371940 02 36.39.21.2 36.39.21.2	AEC- NNU 0371940 02 36.39.21.2 36.39.21.2	CHNW BA 0371252 03 36.38.11.2 36.38.11.2 36.38.11.2	CH-- NPF 0371266 03 36.38.31.2 36.38.31.2 36.38.31.2
16		AEC- NNU 0371940 02 36.39.31.2 36.39.31.2	AEC- NNU 0371940 02 36.39.31.2 36.39.31.2	AEC- NNU 0371940 02 36.39.31.2 36.39.31.2	CH-- NPF 0371266 03 36.38.31.2 36.38.31.2 36.38.31.2	CH-- NPF 0371266 03 36.38.31.2 36.38.31.2 36.38.31.2
17		AEC- NNU 0371940 02 36.39.31.2 36.39.31.2	AEC- NNU 0371940 02 36.39.31.2 36.39.31.2	AEC- NNU 0371940 02 36.39.31.2 36.39.31.2	CH-- NPF 0371266 03 36.38.31.2 36.38.31.2 36.38.31.2	CH-- NPF 0371266 03 36.38.31.2 36.38.31.2 36.38.31.2
18		AEC- NNU 0371940 02 36.39.41.2 36.39.41.2	AEC- NNU 0371940 02 36.39.41.2 36.39.41.2	AEC- NNU 0371940 02 36.39.41.2 36.39.41.2	AEA- BA 0371929 04 36.38.31.2 36.38.31.2 36.38.31.2	AEA- BA 0371929 04 36.38.31.2 36.38.31.2 36.38.31.2
19		AEC- NNU 0371940 02 36.39.41.2 36.39.41.2	AEC- NNU 0371940 02 36.39.41.2 36.39.41.2	AEC- NNU 0371940 02 36.39.41.2 36.39.51.2	CW-- NPF 0371534 01 36.38.31.2	AEA- BA 0371929 04 36.38.31.2 36.38.31.2 36.38.31.2
20		AEC- NNU 0371940 02 36.39.51.2 36.39.51.2	AEC- NNU 0371940 02 36.39.51.2 36.39.51.2	AEC- NNU 0371940 02 36.39.51.2 36.39.51.2	JZ-- PF 0371082 01 36.37.51.2	CW-- BA 0371534 01 36.37.51.2
21		AEC- NNU 0371940 02 36.39.51.2 36.39.51.2	AEC- NNU 0371940 02 36.39.61.2 36.39.51.2	AEC- NNU 0371940 02 36.39.51.2 36.39.61.2	CW-- BA 0371534 01 36.37.51.2	AEA- BA 0371929 04 36.38.31.2 36.38.31.2 36.38.31.2
22		AEC- 132 0371940 02 36.39.61.2 36.39.61.2	AEC- 132 0371940 02 36.39.61.2 36.39.61.2	AEC- 132 0371940 02 36.39.61.2 36.39.61.2	CR-- PF 0371276 04 36.37.91.2 36.37.91.2 36.37.91.2	CR-- PF 0371276 04 36.37.91.2 36.37.91.2 36.37.91.2
23		AEC- 132 0371940 02 36.39.71.2 36.39.71.2	AEC- 132 0371940 02 36.39.71.2 36.39.71.2	AEC- 132 0371940 02 36.39.71.2 36.39.71.2	CR-- PF 0371276 04 36.37.91.2 36.37.91.2 36.37.91.2	CR-- PF 0371276 04 36.37.91.2 36.37.91.2 36.37.91.2
24		AEC- 132 0371940 02 36.39.71.2 36.39.71.2	AEC- 132 0371940 02 36.39.71.2 36.39.71.2	AEC- 132 0371940 02 36.39.71.2 36.39.81.2	JHVV BA 0371585 02 36.37.41.2 36.37.51.2	CW-- NPF 0371534 01 36.38.31.2
25		AEC- 132 0371940 02 36.39.81.2 36.39.81.2	AEC- 132 0371940 02 36.39.81.2 36.39.81.2	AEC- 132 0371940 02 36.39.81.2 36.39.81.2	NU-- BA 0371676 02 36.38.41.2 36.38.31.2	JGWW BA 0371580 03 36.37.41.2 36.37.41.2 36.37.41.2
26		AEC- 132 0371940 02 36.39.81.2 36.39.91.2	AEC- 132 0371940 02 36.39.91.2 36.39.81.2	AEC- 132 0371940 02 36.39.81.2 36.39.91.2	JN-- BA 0371081 02 36.37.51.2	GJ-- BA 0371501 01 36.38.31.2

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	A	B	C	D	E	F
15	CLVO BA 0371255 02 34.21.51.2 34.21.51.2 34.21.51.2	JMX BA 0370142 02 34.21.11.2 34.21.11.2	JMX BA 0370144 02 35.30.21.2 35.30.21.2	CKWF BA 0371270 02 34.10.41.2 34.10.41.2	CJWF BA 0371268 02 34.10.61.2 34.10.61.2	CLVR EE 0371079 04 34.11.21.2 34.11.21.2 34.11.21.2
16	COZV BA 0371271 04 34.21.51.2 34.21.51.2 34.21.51.2	JMVB BA 0371079 04 34.10.51.2 34.10.51.2 34.32.19.2	JMX BA 0370144 02 35.30.21.2 35.30.21.2	JMX BA 0370144 02 34.10.21.2 34.21.21.2	CJWF BA 0371268 02 34.10.61.2 34.10.61.2	CKYC EE 0371072 02 34.11.21.2 34.11.21.2
17	CKYC BA 0371072 02 34.21.41.2 34.10.61.2	CLVR BA 0371075 04 34.10.51.2 34.10.51.2 34.10.51.2	JMX BA 0370144 02 35.30.21.2 35.30.31.2	CKYC BA 0371072 02 34.10.21.2 34.21.51.2	JMVB BA 0371079 04 34.10.51.2 34.10.51.2	CJYC EE 0371071 02 34.11.51.2 34.11.51.2
18	CHV BA 0371264 03 34.22.11.2 34.22.11.2 34.32.19.2	CJYC BA 0371071 02 34.21.41.2 34.21.41.2	CRZT BA 0371275 04 35.30.21.2 35.30.21.2	JMVB BA 0371079 04 34.10.21.2 34.10.11.2 34.10.21.2	CJWF BA 0371268 02 34.10.61.2 34.10.61.2	COZV EE 0371271 04 34.11.21.2 34.11.21.2
19	CKYC BA 0371072 02 34.21.51.2 34.21.51.2	JLVB BA 0371077 04 34.21.41.2 34.21.41.2 34.32.19.2	CRZT BA 0371275 04 35.30.21.2 35.30.21.2	JLVB BA 0371077 04 34.11.21.2 34.11.31.2 34.10.51.2	PP BA 0371365 04 34.10.11.2 34.10.11.2	CHVV EE 0371265 03 34.11.11.2 34.11.11.2
20	CHV BA 0371264 03 34.22.11.2 34.10.11.2 31.31.31.2	PO BA 0371370 04 34.21.21.2 34.21.41.2 34.10.41.2	CKVU BA 0371269 02 35.30.31.2 35.30.31.2	CKWF BA 0371270 02 34.10.41.2 34.10.41.2	CW BA 0371534 01 31.31.31.2	CJYC BA 0371071 02 31.31.31.2 34.11.11.2
21	CKWF SS 0371270 02 34.22.11.2 34.22.11.2	KA BA 0371546 04 35.30.31.2 35.30.31.2	CJYC BA 0371071 02 35.30.31.2 35.30.31.2	CW BA 0371534 01 34.10.41.2	CW BA 0371534 01 31.31.31.2	CW BA 0371534 01 31.31.31.2
22	CKWF SS 0371270 02 34.22.11.2 34.22.11.2	CH BA 0371266 03 34.22.11.2 34.22.11.2	CHV BA 0371255 03 35.30.31.2 35.30.31.2	CRZV BA 0371277 04 34.10.51.2 34.10.51.2	CW BA 0371534 01 31.31.31.2	CH BA 0371534 01 31.31.41.2
23	CKVU SS 0371269 02 34.22.11.2 34.22.11.2	CH BA 0371266 03 34.32.19.2 34.32.19.2	JMVB BA 0371079 04 34.11.83.2 34.21.41.2 31.31.31.2	COZV BA 0371271 04 34.10.41.2 34.10.41.2 34.10.31.2	PP BA 0371365 04 31.31.31.2 31.31.31.2	CW BA 0371534 01 31.31.41.2
24	C6 BA 0371263 03 34.22.11.2 73.11.83.2	CRYG BA 0371277 04 34.32.20.2 35.30.31.2 73.11.83.2	C6VV BA 0371262 03 34.32.20.2 35.30.31.2	CPWT BA 0371259 06 31.31.31.2	PP BA 0371365 04 31.31.41.2 31.31.41.2	CW BA 0371534 01 31.31.41.2
25	C6VV BA 0371262 03 34.10.11.2 34.10.11.2	CJVV BA 0371267 02 34.32.20.2 34.32.20.2	KA BA 0371546 04 35.30.31.2 35.30.31.2	COZT BA 0371272 04 34.10.41.2 34.10.41.2	KA BA 0371546 04 35.30.31.2 35.30.31.2	CW BA 0371534 01 31.31.41.2
26	JMX BT 0370141 02 34.10.11.2 34.10.11.2	CRZV BA 0371274 04 34.31.41.2 34.10.51.2 34.32.19.2	KA BA 0371546 04 35.30.31.2 35.30.31.2	CPWT BA 0371260 06 34.10.21.2 34.10.11.2 34.10.51.2	KA BA 0371546 04 35.30.31.2 35.30.31.2	CH BA 0371534 01 31.31.41.2

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1						
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4	AED- BA Q371240 01 36.17.11.2	AED- BA Q371240 01 36.17.11.2	CKMF BA Q371270 02 36.23.21.2		UNDEFIN * RPO 36.17.21.2	CRZY CFC Q371270 02 74.65.01.2
5	NJMX BA Q370142 02 36.17.11.2	CH- BA Q371260 03 36.17.22.2	CLVO BA Q371250 03 36.23.21.2		OD- BA Q371070 02 36.29.11.2	A B OD- BA Q371070 02 36.29.11.2
6	CRZY BA Q371270 02 36.23.11.2	CHWV BA Q371250 03 36.17.22.2	CLVO BA Q371250 03 36.23.21.2		OD- BA Q371070 02 36.29.11.2	OD- BA Q371070 02 36.29.11.2
7	PO- BA Q371370 02 36.20.11.2	JMVB BA Q371070 02 36.17.22.2	CLVR BA Q371070 02 36.23.21.2		OD- BA Q371070 02 36.29.11.2	OD- BA Q371070 02 36.29.11.2
8	PF- BA Q371360 02 36.17.21.2	CKMF BA Q371260 03 36.17.22.2	CKMF BA Q371270 02 36.23.21.2		OD- BA Q371070 02 36.29.11.2	OD- BA Q371070 02 36.29.11.2
9	D CJYC BA Q371070 02 36.17.21.2	NJMX BA Q370142 02 36.17.31.2	CHWV BA Q371250 03 36.23.21.2		OD- BA Q371070 02 36.29.21.2	OD- BA Q371070 02 36.29.21.2
10	CGWV BA Q371250 03 36.20.11.2	NJMX BA Q370142 02 36.17.31.2	CR- BA Q371270 02 36.23.21.2		OD- BA Q371070 02 36.29.21.2	OD- BA Q371070 02 36.29.21.2
11	COZT BA Q371270 02 36.17.21.2	CGWV BA Q371260 03 36.20.11.2	CRZY BA Q371270 02 36.23.21.2		OD- BA Q371070 02 36.29.21.2	OD- BA Q371070 02 36.29.21.2
12	CH- BA Q371260 03 36.17.22.2	CHWV BA Q371250 03 36.17.11.2	CHWV BA Q371260 03 36.23.21.2		OD- BA Q371070 02 36.29.21.2	OD- BA Q371070 02 36.29.21.2
13		UNDEFIN * RPO 36.17.21.2	CPMT CFC Q371250 02 74.65.01.2		OD- BA Q371070 02 36.29.31.2	OD- BA Q371070 02 36.29.31.2
14	UNDEFIN * RPO 36.17.21.2	UNDEFIN * RPO 36.17.21.2	F A B E		OD- BA Q371070 02 36.29.31.2	OD- BA Q371070 02 36.29.31.2

	A	B	REMARKS C	D	E	F
15	UNDEFIN * 36.17.21.2	UNDEFIN * 36.17.21.2	COZY BA 0371271 04 36.23.31.2 36.23.31.2 36.17.21.2		QD— BA 0371078 02 36.29.31.2 36.29.31.2	QD— BA 0371078 02 36.29.31.2 36.29.31.2
			D			
16	UNDEFIN * 36.17.21.2	UNDEFIN * 36.17.21.2	CKYC BA 0371072 02 36.23.31.2		QD— BA 0371078 02 36.29.31.2 36.29.31.2	QD— BA 0371078 02 36.29.31.2 36.29.31.2
			B			
17	UNDEFIN * 36.17.21.2	UNDEFIN * 36.17.21.2			QD— BA 0371078 02 36.29.41.2 36.29.41.2	QD— BA 0371078 02 36.29.41.2 36.29.41.2
18	UNDEFIN * 36.17.21.2	UNDEFIN * 36.17.21.2			QD— BA 0371078 02 36.29.41.2 36.29.41.2	QD— BA 0371078 02 36.29.41.2 36.29.41.2
19	UNDEFIN * 36.17.21.2	UNDEFIN * 36.17.21.2			QD— BA 0371078 02 36.29.41.2 36.29.41.2	QD— BA 0371078 02 36.29.41.2 36.29.41.2
20	CKVU BA 0371269 02 36.17.41.2 36.17.41.2	CKNV BA 0371254 02 36.23.31.2 36.23.11.2	CKHF BA 0371270 02 36.23.41.2		QD— BA 0371078 02 36.29.41.2 36.29.41.2	QD— BA 0371078 02 36.29.41.2 36.29.41.2
			A			
21	CGWM BA 0371251 03 36.17.41.2 36.17.41.2	CH— BA 0371266 03 36.23.11.2 36.23.11.2	JLYB BA 0371077 04 36.28.21.2 36.23.11.2		QD— BA 0371078 02 36.29.51.2 36.29.51.2	QD— BA 0371078 02 36.29.51.2 36.29.51.2
			B D			
22	JMYB BA 0371079 04 36.23.41.2 36.17.41.2	CKWF BA 0371270 02 36.23.11.2 36.23.11.2	JLYB BA 0371077 04 36.28.21.2 36.23.11.2		QD— BA 0371078 02 36.29.51.2 36.29.51.2	QD— BA 0371078 02 36.29.51.2 36.29.51.2
23	CRZV BA 0371278 04 36.17.41.2 36.17.41.2 36.17.41.2 36.17.41.2	CLVR BA 0371075 04 36.23.41.2 36.23.41.2 36.23.11.2 36.23.11.2	JLYB BA 0371077 04 36.28.21.2 36.28.21.2 36.28.21.2 36.28.21.2		QD— BA 0371078 02 36.29.51.2 36.29.51.2	QD— BA 0371078 02 36.29.51.2 36.29.51.2
		A B C D				
24	CHWM BA 0371252 03 36.17.41.2 36.17.41.2	CGWM BA 0371251 03 36.17.41.2 36.23.31.2	3JMX BA 0370141 02 36.17.41.2 36.23.41.2		QD— BA 0371078 02 36.29.51.2 36.29.51.2	QD— BA 0371078 02 36.29.51.2 36.29.51.2
25	CKWF BA 0371268 02 36.17.41.2 36.17.41.2	CKNF BA 0371270 02 36.17.41.2 36.17.41.2	COZY BA 0371271 04 36.23.41.2 36.23.41.2 36.23.11.2		CLVR BA 0371075 04 36.23.11.2	GI— BA 0371501 01 36.17.21.2
		B	B C D A			
26	JMYB BA 0371079 04 36.23.41.2 36.17.41.2	CPMU BA 0371257 04 36.23.11.2 36.23.11.2	CKNF ABIT 0371270 02 36.23.41.2 36.23.41.2		JZ— BA 0371082 01 36.23.11.2	COZT BA 0371272 04 36.23.11.2 36.23.11.2
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	A	B	C	D	E	F	
1							
2							
3							
4					COST CH 037127 04 01.11.11.2 01.23.21.2 01.11.31.2	JLYB CH 037137 04 01.11.11.2 01.23.21.2	
5					CGVY CH 037126 03 01.11.11.2 01.23.21.2	JNVB CH 037107 04 01.11.11.2 01.23.21.2	
6					CG-- CH 037126 03 01.11.11.2 01.23.21.2	CM-- CH 037153 01 01.11.11.2	
7					CG-- CH 037126 03 01.11.11.2 01.23.21.2	CJYC CH 037107 04 01.11.11.2	
8					CM-- CH 037153 01 01.11.11.2	COST CH 037127 04 01.11.11.2 01.23.21.2	
9					GRVC CH 037107 02 01.11.11.2 01.23.21.2	JJVN CH 037150 04 01.11.11.2 01.23.21.2	
10					2JMX CH 037014 02 01.11.11.2 01.23.11.2	CMVW CH 037126 03 01.11.11.2 01.23.11.2	
11					2JMX CH 037014 02 01.11.11.2 01.23.11.2	CJYC CH 037107 04 01.11.11.2	
12					3JMX CH 037014 02 01.11.11.2 01.23.21.2	CMWT CH 037126 04 01.11.11.2 01.23.21.2	
13					3JMX CH 037014 02 01.11.11.2	CMWT CH 037126 04 01.11.11.2	

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	A	B	C	D	E	F
14					4JMX CH 0370142 02 01.23.11.2 01.23.21.2	2JMX CH 0370144 02 01.11.11.2 01.23.11.2
15					CHVY CH 0371265 03 01.23.11.2 01.11.11.2	FO-- CH 0371170 04 01.11.11.2 01.11.21.2 01.11.51.2 01.11.11.2
16					CKWF CH 0371270 02 01.11.21.2 01.11.51.2	CKYU CH 0371262 02 01.11.31.2 01.11.51.2
17					4JMX CH 0370142 02 01.11.11.2 01.11.31.2	CLVR CH 0371075 04 01.23.11.2 01.11.51.2 01.11.21.2
18					CQVY CH 0371271 04 01.23.11.2 01.11.51.2 01.23.21.2	CQYV CH 0371278 04 01.11.21.2 01.11.31.2 01.11.51.2
19					CJYC CH 0371071 02 01.11.21.2 01.11.31.2	CJWF CH 0371268 02 01.11.31.2 01.11.51.2
20					CW-- CH 0371534 01 01.11.41.2	CKWF CH 0371270 02 01.11.21.2 01.23.11.2
21					JMVU CH 0371585 02 01.11.41.2	JLVV CH 0371077 04 01.11.21.2 01.11.31.2 01.11.51.2
22					JMYR CH 0371079 04 01.11.41.2 01.11.51.2 01.11.41.2	CKVY CH 0371262 03 01.11.11.2 01.11.31.2
23					CLVO CH 0371255 04 01.11.51.2 01.11.21.2 01.23.21.2	CRZT CH 0371275 04 01.11.21.2 01.11.11.2
24					CKWF CH 0371270 02 01.11.41.2 01.11.41.2	CKYC CH 0371072 02 01.11.31.2 01.11.51.2
25					CLVO CH 0371255 04 01.11.41.2 01.11.51.2 01.23.21.2	CKYC CH 0371072 02 01.23.11.2
26					3JMX CH 0370141 02 01.11.11.2	COYC CH 0371278 04 01.11.21.2 01.11.31.2 01.11.51.2

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	A	B	REMARKS C	D	E	F
1	RPO UNDEFIN * 71.71.11.2	CEH- MT 0370139 02 71.11.11.2 71.11.11.2	CLVR OV 0371075 04 71.31.21.2			
			A C D			
2	RPO UNDEFIN * 71.71.11.2	CLH- MT 0370139 02 71.11.11.2 71.11.31.2	CG- MT 0371263 03 71.31.11.2 71.51.21.2 71.51.21.2	CKVU MT 0371269 02 71.31.11.2 71.61.11.2		
3	RPO UNDEFIN * 71.71.11.2	CLH- MT 0370139 02 71.11.11.2 71.11.31.2	COZV MT 0371271 04 71.71.61.2 71.11.21.2 71.71.21.2	CKVU MT 0371269 02 71.11.21.2 71.61.11.2		
4	RPO UNDEFIN * 71.71.11.2	CHWW MT 0371252 03 71.71.41.2 71.11.11.2 71.11.31.2	CHWW MT 0371252 03 71.71.41.2 71.71.21.2 71.71.21.2	CNWT MT 0371260 06 71.71.41.2 71.31.11.2		
				F C D E		
5	RPO UNDEFIN * 71.71.11.2	CO- MT 0371273 04 71.11.31.2 71.31.11.2 71.11.31.2 71.11.31.2	COZT MT 0371272 04 71.71.61.2 71.71.21.2 71.71.21.2 71.11.31.2	CH- MT 0371266 03 71.71.61.2 71.71.61.2 71.71.61.2		
6	RPO UNDEFIN * 71.71.11.2	CO- M3 0371273 04 71.11.11.2 71.11.11.2 71.11.11.2 71.11.31.2	CJYC MT 0371071 02 71.31.21.2 71.61.11.2	COZV MT 0371271 04 71.31.11.2 71.31.11.2 71.71.61.2 71.71.61.2		
7		CO- M6 0371273 04 71.11.11.2 71.11.11.2 71.11.11.2 71.11.31.2	CHVV MT 0371265 03 71.31.11.2 71.11.11.2 71.71.21.2	3JMX MT 0370141 02 71.71.21.2		
				B		
8		COZV MT 0371271 04 71.11.11.2 71.61.11.2 71.51.21.2 71.11.31.2	CKYC MT 0371072 02 71.31.11.2 71.71.61.2	CPWT MT 0371259 06 71.61.11.2 71.31.21.2 71.31.11.2 71.71.21.2		
				E F		
9		CH- MT 0371266 03 71.31.11.2 71.31.21.2 71.31.21.2	CGVV MT 0371262 03 71.31.11.2 71.71.21.2 71.71.41.2	JMVB MT 0371079 04 71.11.21.2 71.71.21.2 71.71.21.2 71.51.21.2		
		A				
10		CRZT MT 0371275 04 71.31.11.2 71.31.11.2 71.71.41.2 71.51.21.2	CR- MT 0371276 04 71.71.21.2 71.71.21.2 71.31.21.2 71.71.21.2	CEH- MT 0370139 02 71.71.61.2 71.71.61.2		
11		COVG MT 0371278 04 71.71.41.2 71.71.41.2 71.71.21.2	CGVV MT 0371262 03 71.71.41.2 71.71.41.2 71.31.11.2	NB- MT 0371591 01 71.71.61.2		
		C				
12	RPO UNDEFIN * 71.71.11.2	UNDEFIN * 71.71.11.2	CKVU MT 0371269 02 71.31.11.2 71.31.21.2	GJ- MT 0371501 01 71.71.21.2		
				A		
13		CH- MT 0371266 03 71.31.11.2 71.61.11.2 71.61.11.2	JMVB MT 0371079 04 71.71.61.2 71.71.61.2 71.71.21.2	NB- MT 0371591 01 71.71.61.2		
			C			
14		CHVV MT 0371265 03 71.31.11.2 71.61.11.2 71.61.11.2	CGVV MT 0371261 03 71.71.61.2 71.71.21.2 71.71.21.2	NB- MT 0371591 01 71.71.21.2		

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	A	B	C	D	E	F
15	JMVB MT 0371079 04 71.71.21.2 71.31.11.2 71.31.11.2 71.71.21.2	CKVU MT 0371269 02 71.11.21.2 71.71.61.2	CRZT MT 0371275 04 71.11.21.2 71.31.11.2 71.71.21.2	DHC- MT 0370372 06 71.31.51.2 71.31.21.2 71.31.21.2		
				A D F		
16	JLVB MT 0371077 04 71.71.61.2 71.31.21.2 71.71.21.2	CO- MT 0371273 04 71.51.21.2 71.51.21.2 71.61.11.2	COZT MT 0371272 04 71.71.21.2 71.31.21.2 71.31.21.2	DGT- OV 0370380 04 71.61.21.2 71.61.21.2 71.61.21.2		
17	JLVB MT 0371077 04 71.31.11.2 71.31.21.2 71.71.21.2	CHVV MT 0371265 03 71.11.11.2 71.61.11.2 71.61.11.2	PP- MT 0371365 04 71.11.11.2 71.71.21.2 71.71.21.2			
18	JLVB MT 0371077 04 71.31.11.2 71.31.11.2 71.71.41.2	CKYC MT 0371072 02 71.11.21.2 71.11.21.2	4JMK MT 0370142 02 71.71.61.2 71.71.61.2			
19	CLVO MT 0371255 03 71.31.11.2 71.31.11.2 71.71.61.2	CO- MT 0371273 04 71.51.21.2 71.51.21.2 71.51.21.2	CLVO MT 0371255 03 71.11.21.2 71.11.21.2 71.11.21.2	NW- MT 0371598 14 71.71.61.2 71.71.61.2 71.71.61.2		
20	CLVR MT 0371075 04 71.71.41.2 71.31.11.2 71.71.41.2	JLVB MT 0371077 04 71.11.11.2 71.61.11.2 71.61.11.2	DGT- 729 0370380 04 71.61.21.2 71.61.21.2 71.61.21.2			
21	TAB- M3 0370066 04 71.11.11.2 71.11.11.2 71.11.11.2	TAB- MT 0370066 04 71.51.21.2 71.11.31.2 71.11.31.2	DGW- OV 0370377 03 71.61.21.2 71.61.21.2 71.61.21.2			
22	EY- M6 0371199 08 71.11.11.2 71.11.11.2 71.11.11.2	DHF- MT 0370350 02 71.71.41.2 71.71.41.2 71.71.41.2	DEG- MT 0370217 04 71.31.21.2 71.61.21.2 71.31.21.2			
23	EY- M6 0371199 08 71.11.31.2 71.11.31.2	DFJ- MT 0370232 12 71.71.41.2 71.71.41.2 71.71.41.2				
24	D F H A B C	RE NOTE001				
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CIRCUIT CARD LOCATION CHART
REMARKS

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1401 71.10.11.2
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NOTE 1
71.71.41.2 71.31.21.2 71.61.21.2 71.51.21.2

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CIRCUIT CARD LOCATION CHART

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SHEET 1
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A	B	C	D	E	F
CKYC CM 0371072 02 70.11.21.2 70.61.31.2	CKVU CM 0371269 02 70.51.31.2 70.61.31.2	UNDEFIN * 70.51.21.2	CRZV IOC 0371274 04 73.11.61.2 73.11.61.2 73.11.61.2 73.11.61.2	CRZV IOC 0371274 04 73.11.61.2 73.11.61.2 73.11.61.2 73.11.51.2	CJYC IOC 0371071 02 73.11.61.2 73.11.11.2
CKVU CM 0371269 02 70.11.21.2 73.11.71.2	CLVO CM 0371255 03 70.51.31.2 70.61.31.2 70.11.21.2	JLVB CM 0371077 04 70.51.31.2 70.11.41.2 70.11.41.2	CHVV IOC 0371252 03 73.11.41.2 73.11.41.2 73.11.41.2	CKYC IOC 0371072 02 73.11.71.2 73.11.71.2	CLVO IOC 0371255 03 70.51.31.2 73.11.71.2 73.11.31.2 73.11.31.2
CNWT CM 0371260 06 70.11.21.2 70.11.21.2 70.11.21.2 70.61.31.2	NJMX CM 0370142 02 70.11.21.2 70.51.21.2	CRZT CM 0371275 04 70.61.41.2 70.11.41.2 70.61.41.2	CGVV IOC 0371262 03 73.11.41.2 73.11.41.2 73.11.41.2	J6WW IOC 0371580 03 73.11.61.2 73.11.61.2 73.11.61.2	CLVO IOC 0371255 03 73.11.11.2 73.11.11.2 73.11.11.2
CJYC CM 0371071 02 70.11.21.2 70.11.21.2	JMVB CM 0371079 04 70.61.31.2 70.61.21.2 70.61.31.2	COYG CM 0371278 04 70.11.41.2 70.11.41.2	JLVB IOC 0371077 04 73.11.41.2 73.11.41.2 73.11.51.2	J6WW IOC 0371580 03 73.11.61.2 73.11.61.2	PO- IOC 0371370 04 73.11.11.2
PP- CM 0371365 04 70.51.31.2 70.11.21.2 70.11.21.2 70.11.41.2	CKWF CM 0371270 02 70.11.21.2 70.61.31.2	CKYC IOC 0371072 02 70.11.41.2 73.11.31.2	CJWV IOC 0371253 02 73.11.11.2 73.11.71.2	J6WW IOC 0371580 03 73.11.61.2 73.11.61.2 73.11.61.2	CKWF IOC 0371270 02 73.11.31.2 73.11.51.2
JFVP CM 0371576 04 70.51.31.2 70.11.21.2 70.11.41.2 70.11.41.2	CLVO CM 0371255 03 70.51.21.2 70.61.31.2 70.61.41.2	CKYC CM 0371072 02 70.11.41.2 70.11.41.2	CH- IOC 0371266 03 73.11.21.2 73.11.21.2 73.11.21.2	CH- IOC 0371266 03 73.11.41.2 73.11.41.2 73.11.51.2	CHVV IOC 0371264 03 73.11.31.2 73.11.41.2 73.11.51.2
CR- CM 0371276 04 70.61.21.2 70.61.21.2 70.61.21.2 70.61.21.2	CLVO CM 0371255 03 70.51.21.2 70.11.21.2 70.51.21.2	CJWF CM 0371268 02 70.61.41.2 70.61.41.2	CH- IOC 0371266 03 73.11.21.2 73.11.21.2 73.11.21.2	CH- IOC 0371266 03 73.11.51.2 73.11.51.2 73.11.51.2	CJWF IOC 0371268 02 73.11.71.2 73.11.11.2
JLVB CM 0371077 04 70.11.21.2 70.11.41.2 70.21.31.2 70.51.31.2	CLVT CM 0371073 04 70.11.21.2 70.11.21.2 70.11.21.2 70.11.41.2	CRZV IOC 0371274 04 73.11.71.2 70.51.21.2 70.11.41.2 70.11.41.2	JFVP IOC 0371576 04 73.11.31.2 73.11.31.2 73.11.31.2 73.11.41.2	CKWF IOC 0371270 02 73.11.21.2	CH- IOC 0371266 03 73.11.21.2 73.11.11.2 73.11.11.2
CHVV CM 0371265 03 70.61.31.2 70.11.51.2 70.11.21.2	CKYC CM 0371072 02 70.61.41.2 70.11.21.2	CLVR CM 0371075 04 70.51.21.2 70.11.41.2 70.11.41.2 70.11.41.2 70.11.41.2	PP- IOC 0371365 04 73.11.11.2 73.11.21.2 73.11.11.2 73.11.71.2	CH- IOC 0371534 01 73.11.11.2	JMVB IOC 0371079 04 73.11.51.2 73.12.21.2 73.11.11.2 73.11.41.2
CGVV CM 0371261 03 70.61.21.2 70.51.31.2 70.61.31.2	CNWT CM 0371260 06 70.51.31.2 70.51.21.2 70.61.31.2 70.61.31.2	CLVR CM 0371075 04 70.61.31.2 70.11.21.2 70.51.31.2 73.11.31.2	JFVP IOC 0371576 04 73.11.31.2 73.11.31.2 73.11.11.2	CKWF IOC 0371270 02 73.11.21.2 73.11.11.2	COZV IOC 0371271 04 73.11.41.2 73.11.71.2 73.11.71.2 73.11.71.2
CR- CM 0371276 04 70.61.21.2 70.61.21.2 70.61.21.2 70.61.41.2	CJYC CM 0371071 02 70.61.41.2 70.11.21.2	CHVV IOC 0371265 03 73.11.11.2 73.11.31.2 73.11.21.2	CHVV IOC 0371265 03 73.11.11.2 70.11.41.2 73.11.31.2	COYG IOC 0371278 04 73.11.51.2 73.11.31.2 73.11.41.2 73.11.61.2	JH- IOC 0371586 02 73.11.31.2 73.11.41.2
UNDEFIN * 70.51.21.2	CNWT CM 0371260 06 70.11.21.2	CJYC CM 0371071 02 70.61.41.2 73.11.51.2	CRZT IOC 0371275 04 73.11.71.2 73.11.11.2 73.11.11.2 70.11.21.2	CKVU IOC 0371269 02 73.11.71.2 73.11.81.2	JJVV IOC 0371588 04 73.12.21.2 73.12.21.2 73.12.21.2
CRZV CM 0371274 04 70.11.21.2 70.11.41.2 70.61.21.2 70.51.31.2	CJWF CM 0371268 02 70.51.21.2 70.51.21.2	CHVV CM 0371265 03 70.51.31.2 70.11.41.2 70.51.31.2	CHVV CM 0371265 03 70.61.41.2 73.11.41.2 73.11.71.2	J6VV IOC 0371582 03 73.11.51.2 73.11.41.2 73.11.41.2	J6WW IOC 0371580 03 73.11.11.2 73.12.21.2 73.11.11.2
PP- CM 0371365 04 70.11.21.2 70.61.21.2 70.61.21.2 70.61.21.2	CGVV CM 0371261 03 70.51.21.2 70.51.21.2 70.11.41.2	CRZV IO 0371274 04 73.11.31.2 73.11.31.2 73.11.51.2 73.11.11.2	JLVB IOC 0371077 04 73.11.31.2 73.11.51.2 73.11.51.2 73.11.31.2	CHVV IOC 0371264 03 73.11.41.2 73.11.41.2 73.11.51.2	JLVB IOC 0371077 04 73.11.41.2 73.12.21.2 73.11.31.2

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	REMARKS					
	A	B	C	D	E	F
15	COZV CM 0371271 04 70.51.31.2 70.61.41.2 70.51.31.2 70.61.31.2	CGWH CM 0371251 03 70.51.21.2 70.51.21.2 70.51.21.2	CHVM IOC 0371264 03 73.12.21.2 73.12.11.2 73.12.11.2	JZ-- IOC 0371082 01 73.11.71.2	CHVM IOC 0371264 03 73.11.61.2 73.11.51.2 73.11.51.2	CJYC IOC 0371071 02 73.11.11.2 73.11.21.2
16	CRZT CM 0371275 04 70.11.21.2 70.61.31.2 70.51.31.2 70.11.21.2	JMVB CM 0371079 04 70.61.41.2 70.51.21.2 70.51.31.2	JLVB IOC 0371077 04 73.12.11.2 73.11.31.2 73.11.31.2	JN-- IOC 0371081 02 73.11.71.2 73.11.71.2	PP-- IOC 0371365 04 73.11.71.2 73.11.11.2	CKVU IOC 0371269 02 73.11.41.2 73.11.21.2
17	CFM-- CM 0370139 02 70.51.31.2 70.51.31.2	CJVV CM 0371253 02 70.51.21.2 70.51.21.2	JFVN IOC 0371577 04 73.12.11.2 73.12.21.2 73.11.51.2	6JXD IOC 0370089 03 73.11.71.2 73.11.71.2 73.11.51.2	6JXD IOC 0370089 03 73.11.71.2 73.11.71.2	COZV IOC 0371271 04 73.11.11.2 73.12.21.2 73.11.11.2
18	JLVB CM 0371077 04 70.61.41.2 70.11.21.2	CJMF CM 0371268 02 70.51.21.2 70.11.41.2	COVG OV 0371278 04 73.11.31.2 73.11.51.2 73.11.51.2	6JXD IOC 0370089 03 73.11.31.2 73.11.31.2 73.11.31.2	JLVB IOC 0371077 04 73.11.21.2 73.11.41.2 73.11.31.2	6JXD IOC 0370089 03 73.11.61.2 73.11.61.2
19	CRZV CM 0371274 04 70.61.41.2 73.61.31.2 70.51.31.2 70.11.41.2	CJYC CM 0371071 02 70.61.41.2 70.61.31.2	CHVM OV 0371264 03 73.11.51.2 73.11.51.2 73.11.31.2	6JXD IOC 0370089 03 73.11.41.2 73.11.11.2 73.11.31.2	CED-- IOC 0370145 04 73.11.21.2 73.11.41.2 73.11.41.2	CED-- IOC 0370145 04 73.12.21.2 73.11.51.2 73.12.21.2
20	CO-- CM 0371273 04 70.51.21.2 70.51.21.2 70.51.21.2 70.61.31.2	CGWH CM 0371251 03 70.11.21.2 70.51.31.2 70.51.31.2	CLVR OV 0371075 04 73.11.51.2 73.11.71.2 73.11.71.2	CED-- IOC 0370145 04 73.11.31.2 73.11.21.2 73.11.21.2	6JXD IOC 0370089 03 73.11.61.2 73.11.61.2 73.11.61.2	6JXD IOC 0370089 03 73.12.11.2 73.12.11.2 73.12.21.2
21	JLVB CM 0371077 04 70.61.41.2 70.51.31.2 73.12.11.2 70.61.41.2	JMVB CM 0371079 04 70.51.21.2 70.61.41.2 70.51.31.2 70.61.41.2	6JXD IOC 0370089 03 73.12.11.2 73.11.31.2	CED-- IOC 0370145 04 73.11.21.2 73.11.21.2 73.11.21.2	CED-- IOC 0370145 04 73.11.51.2 73.11.51.2 73.11.51.2	6JXD IOC 0370089 03 73.12.11.2 73.12.11.2 73.12.11.2
22	CGVV CM 0371262 03 70.11.21.2 70.51.31.2 70.51.21.2	CLVR CM 0371075 04 70.11.41.2 70.11.21.2 70.51.31.2 70.11.41.2		CED-- IOC 0370145 04 73.11.41.2 73.11.41.2 73.11.11.2	6JXD IOC 0370089 03 73.11.61.2 73.11.61.2 73.11.61.2	6JXD IOC 0370089 03 73.12.11.2 73.12.11.2 73.12.11.2
23				6JXD IOC 0370089 03 73.11.71.2 73.12.21.2 73.11.71.2		JFVA IOC 0371578 04 73.11.31.2 73.12.21.2 73.11.11.2 73.12.21.2
24				6JXD IOC 0370089 03 73.11.11.2 73.11.71.2 73.11.71.2		
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	A	B	REMARKS C	D	E	F
1	NO CARD 01 44.31.11.2	NO CARD 01 44.31.11.2		CRZV 1311 0371274 04 75.01.07.2 75.01.08.2 75.01.08.2	CGVM 1311 0371261 03 75.01.06.2 75.01.04.2 75.01.11.2	CHHW 1311 0371252 03 75.01.07.2 75.01.04.2 75.01.06.2
2	NO CARD 01 44.31.11.2	NO CARD 01 44.31.11.2		CPWT 1311 0371259 06 75.01.04.2 75.01.04.2	COZT 1311 0371272 04 75.01.05.2 75.01.09.2	CHHW 1311 0371252 03 75.01.10.2 75.01.09.2 75.01.08.2
3	NO CARD 01 44.31.11.2	NO CARD 01 44.31.11.2		CO- 1311 0371273 04 75.01.06.2 75.01.06.2 75.01.06.2 75.01.07.2	CO- 1311 0371273 04 75.01.08.2 75.01.08.2 75.01.08.2 75.01.10.2	CO- 1311 0371273 04 75.01.11.2 75.01.07.2
4	CJWF HL 0371268 02 44.33.21.2 44.33.21.2		JFVP INO 0371576 04 77.01.11.2 77.01.11.2 77.01.21.2	JMVB 1311 0371079 04 75.01.08.2 75.01.11.2 75.01.09.2	JLVB 1311 0371077 04 75.01.05.2 75.01.06.2 75.01.06.2 75.01.06.2	JLVB 1311 0371077 04 75.01.04.2 75.01.06.2 75.01.10.2 75.01.01.2
5	CJWF HL 0371268 02 44.33.31.2	CLVR HL 0371075 04 44.33.31.2 44.33.31.2 44.33.31.2 44.33.31.2	AEA- INO 0371929 04 77.01.11.2 77.01.11.2 77.01.11.2	CLVT 1311 0371073 04 75.01.10.2 75.01.07.2 75.01.04.2	CKWF 1311 0371270 02 75.01.06.2 75.01.06.2	CKWF 1311 0371270 02 75.01.06.2 75.01.10.2
6	CLVO HL 0371255 03 44.34.21.2 44.33.11.2 44.33.11.2	CJWF HL 0371268 02 44.33.31.2 44.33.31.2	CRYG INO 0371277 04 77.01.11.2 77.01.11.2 77.01.11.2	CHVV 1311 0371265 03 75.01.05.2 75.01.10.2	CJWF 1311 0371268 02 75.01.10.2 75.01.10.2	CKVU 1311 0371269 02 75.01.06.2
7	CJWF HL 0371268 02 44.33.11.2 44.33.11.2	CJWF HL 0371268 02 44.33.31.2 44.33.31.2	JMVB INO 0371079 04 77.01.11.2 77.01.11.2	JHVV 1311 0371585 02 75.01.06.2 75.01.10.2	JLVB 1311 0371077 04 75.01.10.2 75.01.07.2 75.01.10.2 75.01.05.2	CKWV 1311 0371254 02 75.01.06.2 75.01.01.2
8	CJWF HL 0371268 02 44.33.11.2 44.33.11.2	CLVO HL 0371255 03 44.33.31.2 44.33.21.2 44.33.21.2	CR- INO 0371276 04 77.01.11.2 77.01.11.2 77.01.11.2	CRZV 1311 0371274 04 75.01.02.2 75.01.05.2 75.01.04.2	CRZV 1311 0371274 04 75.01.03.2 75.01.09.2 75.01.11.2	JLVB 1311 0371077 04 75.01.06.2
9	CLVR HL 0371075 04 44.33.11.2 44.32.11.2 44.32.11.2 44.33.21.2	CJWF HL 0371268 02 44.33.21.2 44.33.21.2	CLVT INO 0371073 04 77.01.21.2 77.01.21.2 77.01.11.2	CRYG 1311 0371277 04 75.01.07.2 75.01.05.2 75.01.05.2 75.01.07.2	COZV 1311 0371271 04 75.01.04.2 75.01.06.2 75.01.07.2	COZV 1311 0371271 04 75.01.08.2 75.01.08.2 75.01.03.2 75.01.02.2
10	CJWF HL 0371268 02 44.32.11.2 44.32.11.2	CJWF HL 0371268 02 44.33.21.2 44.33.21.2	CH- INO 0371266 03 77.01.21.2 77.01.21.2 77.01.21.2	CNWT 1311 0371268 06 75.01.04.2 75.01.09.2	CR- 1311 0371276 04 75.01.07.2 75.01.07.2 75.01.04.2 75.01.09.2	CRYG 1311 0371277 04 75.01.09.2 75.01.09.2 75.01.09.2
11	CJWF HL 0371268 02 44.32.11.2 44.32.11.2	CKWF HL 0371270 02 44.34.31.2 44.34.31.2	CH- INO 0371266 03 77.01.21.2 77.01.21.2 77.01.21.2	CR- 1311 0371276 04 75.01.08.2 75.01.08.2 75.01.08.2 75.01.08.2	CR- 1311 0371276 04 75.01.08.2 75.01.08.2 75.01.08.2 75.01.07.2	CR- 1311 0371276 04 75.01.04.2 75.01.06.2 75.01.06.2 75.01.06.2
12		JLVB INO 0371077 04 77.01.21.2	CH- INO 0371266 03 77.01.21.2 77.01.21.2 77.01.11.2	CRYG 1311 0371277 04 75.01.03.2 75.01.05.2 75.01.05.2 75.01.05.2	COZV 1311 0371271 04 75.01.03.2 75.01.03.2 75.01.03.2 75.01.03.2	COZV 1311 0371271 04 75.01.02.2 75.01.02.2 75.01.02.2 75.01.02.2
13	CJWF HL 0371253 02 44.32.11.2 44.32.11.2	CLVO HL 0371255 03 44.34.31.2 44.34.31.2 44.34.31.2 44.34.31.2 44.32.11.2	CJYC INO 0371071 02 77.01.21.2 77.01.21.2	CED- 1311 0370145 04 75.01.11.2 75.01.11.2 75.01.11.2 75.01.11.2	CED- 1311 0370145 04 75.01.11.2 75.01.11.2 75.01.07.2 75.01.07.2	CO- 1311 0371273 04 75.01.07.2 75.01.04.2 75.01.05.2 75.01.05.2
14	4JMX HL 0370142 02 44.31.11.2 44.33.11.2	CJWF HL 0371268 02 44.34.21.2 44.33.11.2	CJWF INO 0371268 02 77.01.11.2	CED- 1311 0370145 04 75.01.08.2 75.01.08.2 75.01.08.2 75.01.08.2	CED- 1311 0370145 04 75.01.09.2 75.01.11.2 75.01.11.2 75.01.11.2	CRZT 1311 0371275 04 75.01.08.2 75.01.08.2 75.01.08.2 75.01.08.2

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	A	B	C	D	E	F
	REMARKS					
15	CGW HL 0371251 03 44.31.11.2 44.31.11.2 44.34.21.2	CLVR HL 0371075 04 44.34.21.2 44.34.21.2 44.34.31.2	JGHW INQ 0371580 03 77.01.11.2 77.01.11.2 77.01.11.2	CED- 1311 0370145 04 75.01.05.2 75.01.07.2 75.01.07.2	DJE- 1311 0373333 01 75.01.04.2 75.01.04.2 75.01.04.2 75.01.04.2 75.01.07.2 75.01.07.2	
16	CRZT HL 0371275 02 44.34.21.2 44.34.21.2 44.34.21.2	CJYC HL 0371071 02 44.34.21.2 44.34.21.2 44.34.21.2	CH- INQ 0371266 03 77.01.11.2 77.01.11.2 77.01.11.2	CED- 1311 0370145 04 75.01.05.2 75.01.05.2 75.01.05.2	DJD- 1311 0373336 05 75.01.09.2 75.01.09.2 75.01.09.2 75.01.09.2 75.01.05.2 75.01.05.2	
17	2JMX HL 0370144 02 44.31.11.2 44.31.11.2	KA- HL 0371546 04 44.34.21.2 44.34.21.2 75.01.09.2	AEA- INQ 0371929 04 77.01.11.2 77.01.11.2 77.01.11.2	CED- 1311 0370145 04 75.01.05.2 75.01.05.2 75.01.05.2	DJF- 1311 0373335 11 75.01.03.2 75.01.03.2 75.01.03.2 75.01.04.2 75.01.07.2 75.01.02.2	
18	CKWF HL 0371270 02 44.31.11.2 44.31.11.2	CKWF HL 0371270 02 44.34.31.2 44.34.11.2	6J- INQ 0371501 01 77.01.11.2	CED- 1311 0370145 04 75.01.05.2 75.01.05.2 75.01.05.2	DJF- 1311 0373335 11 75.01.02.2 75.01.02.2 75.01.02.2 75.01.03.2 75.01.03.2 75.01.03.2	
19	JHVB HL 0371079 04 44.30.11.2 44.30.11.2 44.30.11.2	JLVB HL 0371077 04 44.34.11.2 44.34.21.2 44.34.21.2	CKVU INQ 0371269 02 77.01.11.2 77.01.11.2	CED- 1311 0370145 04 75.01.05.2 75.01.05.2 75.01.05.2	DJF- 1311 0373335 11 75.01.01.2 75.01.01.2 75.01.01.2 75.01.01.2 75.01.02.2 75.01.02.2	
20	CKWV HL 0371254 02 44.30.11.2 44.30.11.2	CKWF HL 0371270 02 44.34.11.2 44.34.11.2	CHVV INQ 0371265 03 77.01.11.2 77.01.11.2			
21	CNWT HL 0371260 06 44.30.11.2 44.30.11.2 44.30.11.2	2JMX HL 0370144 02 44.34.11.2 44.34.11.2	CJWF INQ 0371268 02 77.01.11.2 77.01.11.2			
22	CRZV HL 0371274 04 44.30.11.2 44.30.11.2 44.30.11.2 44.34.21.2	CHWW HL 0371252 03 44.34.11.2 44.34.21.2 44.34.21.2	CGVW INQ 0371261 03 77.01.11.2 77.01.11.2 77.01.11.2			
23	CRZV HL 0371274 04 44.30.11.2 44.30.11.2 44.30.11.2 44.30.11.2	COZT HL 0371272 04 44.34.11.2 44.34.11.2 44.34.21.2 44.34.21.2				
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	A	B	REMARKS C	D	E	F
1						
2						
3						
4	CJVV IN 0371267 02 41.50.01.2 41.50.01.2	CGVV IN 0371262 03 41.50.31.2 41.50.41.2 41.50.41.2	CHWW IN 0371252 03 41.50.81.2 41.50.81.2 41.50.81.2	CHVM IN 0371264 03 41.50.71.2 41.51.21.2 41.51.01.2	C6VM IN 0371261 03 41.51.71.2 41.50.91.2 41.51.71.2	CKWV CW 0371254 02 44.70.21.2 44.70.21.2
5	CLVO IN 0371255 * 41.50.01.2 41.51.71.2 41.50.01.2	3JMX IN 0370141 02 41.50.41.2 41.50.41.2	PO— IN 0371370 04 41.50.81.2 41.50.81.2 41.50.81.2	C6VM IN 0371261 03 41.50.91.2 41.51.71.2 41.51.71.2	CLVO IN 0371255 * 41.51.71.2 41.50.51.2	CHVM CW 0371264 03 44.70.41.2 44.70.21.2 44.70.21.2
6	CJVV IN 0371267 02 41.50.01.2 41.50.01.2	3JMX IN 0370141 02 41.50.41.2 41.50.41.2	CHWW IN 0371252 03 41.50.81.2 41.50.81.2 41.50.81.2	JMVB IN 0371079 04 41.51.61.2 41.51.61.2 41.50.71.2	CKWF IN 0371270 02 41.51.71.2 41.51.71.2	JFVN IN 0371577 04 44.70.21.2 44.70.21.2 41.51.31.2 44.70.21.2
7	CKWF IN 0371270 02 41.50.01.2 41.50.01.2	3JMX IN 0370141 02 41.50.41.2 41.50.61.2	PO— IN 0371370 04 41.50.81.2 41.50.81.2 41.51.31.2 41.51.41.2	CRZT IN 0371275 04 41.51.31.2 41.51.31.2 41.51.31.2	CKVU IN 0371269 02 41.51.71.2 41.51.71.2	CKVU CW 0371269 03 44.70.31.2 44.70.21.2
8	CHWW IN 0371252 03 41.50.01.2 41.50.01.2	C6— IN 0371263 03 41.50.41.2 41.50.41.2 41.50.41.2	3JMX IN 0370141 02 41.50.91.2 41.50.91.2	CLVT IN 0371073 * 41.51.41.2 41.51.61.2 41.50.71.2 41.51.31.2	CRZT IN 0371275 04 41.51.41.2 41.51.61.2 41.51.61.2 41.51.51.2	CLVO IN 0371255 * 41.50.41.2 44.70.21.2 44.70.21.2
9	COZV IN 0371271 04 41.50.01.2 41.50.01.2 41.51.21.2 41.51.61.2	C6— IN 0371263 03 41.50.41.2 41.50.41.2 41.50.41.2	3JMX IN 0370141 02 41.50.91.2 41.50.91.2	COZT IN 0371272 04 41.51.31.2 41.51.61.2 41.51.51.2 41.51.31.2	CEH— IN 0370139 02 41.51.31.2 41.51.61.2	JMVB CW 0371079 04 44.70.31.2 44.70.21.2 44.70.31.2
10	JLVB IN 0371077 04 41.50.01.2 41.51.01.2 41.50.01.2 41.50.71.2	CGVV IN 0371262 03 41.51.21.2 41.50.41.2 41.50.41.2	3JMX IN 0370141 02 41.50.91.2 41.50.91.2	CJVV IN 0371253 02 41.51.31.2 41.51.41.2	CHVM IN 0371264 03 41.51.31.2 41.51.71.2 41.51.61.2	JLVB CW 0371077 04 44.70.41.2 44.70.31.2 44.70.31.2 44.70.21.2
11	PO— IN 0371370 04 41.50.01.2 44.70.21.2 41.50.51.2 41.51.31.2	CJWF IN 0371268 02 41.50.51.2 41.50.51.2	4JMX IN 0370142 02 41.50.91.2 41.50.91.2	JLVB IN 0371077 04 41.51.51.2 41.51.51.2 41.51.51.2 41.51.31.2	COZV IN 0371271 04 41.51.51.2 41.51.51.2 41.51.51.2 41.51.51.2	CHVV CW 0371265 03 44.70.31.2 44.70.31.2 44.70.31.2
12	CRZT IN 0371275 04 41.50.11.2 41.50.21.2 41.50.21.2 41.51.41.2	CJWF IN 0371268 02 41.50.51.2 41.50.51.2	CR— IN 0371276 04 41.50.91.2 41.50.91.2 41.50.91.2 41.51.01.2	PP— IN 0371365 04 41.51.61.2 44.70.21.2 41.51.31.2 41.51.31.2	CGWH IN 0371251 C3 41.51.31.2 41.50.11.2	CKWF CW 0371270 02 44.70.31.2 44.70.21.2
13	JMVB IN 0371079 04 41.50.71.2 41.50.21.2 41.51.21.2 41.50.51.2	CGVV IN 0371262 03 41.50.71.2 41.50.61.2 41.50.61.2	4JMX IN 0370142 02 41.50.91.2 41.51.01.2	CLVT IN 0371073 * 41.51.31.2 41.50.71.2 41.51.51.2 41.51.51.2	CHVM IN 0371264 03 41.50.11.2 41.50.21.2 41.51.51.2	CW— CW 0371534 01 44.70.31.2

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	REMARKS					
	A	B	C	D	E	F
14	CHVV IN 0371265 03 41.50.11.2 41.50.11.2	3JMX IN 0370141 02 41.50.01.2 41.50.01.2	3JMX IN 0370141 02 41.51.01.2 41.51.01.2	CGVV IN 0371261 03 41.51.41.2 41.51.41.2	CKVU IN 0371269 02 41.51.31.2 41.51.71.2	CLVO CW 0371255 * 44.70.21.2 44.70.31.2 44.70.31.2
15	CKVU IN 0371269 02 41.50.11.2 41.51.01.2	CJWF IN 0371268 02 41.50.01.2 41.50.01.2	3JMX IN 0370141 02 41.51.01.2 41.51.01.2	JHVV IN 0371585 02 41.50.71.2 41.50.71.2	CW— IN 0371534 01 41.51.31.2	COZV CW 0371271 04 44.70.31.2 44.70.41.2 44.70.51.2
16	4JMX IN 0370142 02 41.50.11.2 41.51.01.2	CKVU 1248 0371269 02 41.51.21.2 41.50.71.2	4JMX IN 0370142 02 41.51.01.2 41.51.01.2	JHVB IN 0371079 04 41.51.51.2 41.50.01.2 41.51.51.2 41.51.41.2	CJWF 8K 0371268 02 41.51.21.2 41.51.21.2	CJWF CW 0371268 02 44.70.31.2 44.70.41.2
17	CHVV IN 0371252 03 41.50.11.2 41.51.31.2 41.50.41.2	CKWF 8M 0371270 02 41.50.71.2	4JMX IN 0370142 02 41.51.01.2 41.51.01.2	COZT IN 0371272 04 41.51.41.2 41.50.41.2 41.51.41.2	CLVS IN 0371074 * 41.50.51.2 41.51.21.2 41.50.51.2	CLVO CW 0371255 * 44.70.31.2 44.70.31.2 44.70.31.2
18	CJYC IN 0371071 02 41.50.11.2 41.50.21.2	CW— IN 0371534 01 41.50.71.2	CR— IN 0371276 04 41.51.41.2 41.51.01.2 41.51.01.2	CJWF IN 0371268 02 41.51.41.2 41.51.41.2	CJYC IN 0371071 02 41.50.11.2 44.70.21.2	CKVU CW 0371269 02 44.70.41.2 44.70.41.2
19	CGVV IN 0371251 03 41.50.11.2 41.50.31.2 41.50.31.2	CHVV IN 0371252 03 41.50.71.2 41.50.71.2 41.50.31.2	COZT IN 0371272 04 41.50.71.2 41.50.81.2 41.50.81.2	CRZV IN 0371274 04 41.51.51.2 41.50.51.2 41.50.31.2	JLVB IN 0371077 04 41.50.11.2 41.50.71.2 41.51.31.2	CKVV CW 0371254 02 44.70.31.2 44.70.41.2
20	CW— IN 0371534 01 41.50.21.2	CJYC IN 0371071 02 41.50.71.2 41.50.71.2	3JMX 8M 0370141 02 41.51.11.2 41.51.11.2	CW— IN 0371534 01 41.51.51.2	UNDEFIN * 41.50.81.2	JHVB IN 0371079 04 44.70.31.2 44.70.41.2 44.70.41.2 41.50.71.2
21	CW— IN 0371534 01 41.50.21.2	CGVV IN 0371251 03 41.50.81.2 41.51.31.2	C6— 12M 0371263 03 41.51.11.2 41.51.21.2 41.51.11.2	CJVV IN 0371267 02 41.51.51.2 41.51.51.2	UNDEFIN RPO 41.50.81.2	CJYC CW 0371071 02 44.70.41.2 44.70.31.2
22	CW— IN 0371534 01 41.50.21.2	CLVR IN 0371075 * 41.50.51.2 41.51.01.2 41.50.71.2 41.50.71.2	C6— 124K 0371273 04 41.51.21.2 41.50.71.2 41.51.11.2	CHVV IN 0371264 03 41.51.51.2 41.51.51.2 41.51.51.2	UNDEFIN RPO 41.50.81.2	CLVR IN 0371075 * 44.70.41.2 44.70.41.2 44.70.41.2 41.50.71.2
23	CW— IN 0371534 01 41.50.21.2	CJWF 1248 0371268 02 41.50.71.2 41.50.71.2	C6— 8M 0371263 03 41.51.21.2 41.51.21.2	CJWF IN 0371268 02 41.51.61.2 41.51.51.2	UNDEFIN RPO 41.50.81.2	CKVV CW 0371254 02 44.70.41.2 44.70.41.2
24	P2— IN 0371365 04 41.50.31.2 41.50.31.2 41.51.31.2 41.50.71.2	JLVB IN 0371077 04 41.51.61.2 41.51.71.2 41.51.71.2 41.51.01.2	C6— IN 0371263 03 41.51.21.2 41.51.21.2 41.51.21.2	CKVU IN 0371269 02 41.51.61.2 41.51.01.2	UNDEFIN RPO 41.50.81.2	CW— CW 0371534 01 44.70.41.2
25	P2— IN 0371370 04 41.51.21.2 41.51.21.2 41.50.31.2 41.51.21.2	CKVU IN 0371269 02 41.51.61.2 41.51.31.2	C6— IN 0371263 03 41.51.21.2 41.51.21.2 41.51.21.2	COZT IN 0371272 04 41.51.61.2 41.51.71.2 41.51.61.2	UNDEFIN RPO 41.50.81.2	CW— CW 0371534 01 44.70.41.2
26	CRZV IN 0371274 04 41.50.21.2 41.50.31.2 41.50.31.2 41.50.31.2	CGVV 8M 0371262 03 41.50.61.2 41.50.71.2	C6— IN 0371263 03 41.51.21.2 41.51.21.2	CGVV IN 0371251 03 41.51.61.2 41.50.31.2	CHVV IN 0371264 03 41.50.21.2 44.70.41.2 41.50.21.2	COZV CW 0371271 04 44.70.21.2 44.70.21.2 44.70.21.2 44.70.21.2

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	A	B	C	D	E	F
1	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.9
	A	A	A	B	B	B
2	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.9
	A	A	B	B	B	A
3	DGS- M0 0370347 06 B9.50.51.1 B9.50.51.1 B9.60.40.1 B9.60.20.1 B9.60.20.1 B9.50.50.1	TDB- M3 0370389 04 B9.50.50.1 B9.60.10.1 B9.60.10.1 B9.60.01.1 B9.60.01.1	TCK- M3 0370334 13 B9.50.50.1 B9.60.10.1 B9.60.10.1 B9.60.01.1 B9.60.01.1 B9.60.51.1	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.9
			M N RE NOTE001	B	B	A
4	DGS- M0 0370347 06 B9.50.50.1 B9.50.50.1 B9.50.50.1 B9.60.30.1 B9.60.30.1 B9.40.61.1	TDB- M3 0370389 04 B9.60.01.1 B9.60.51.1 B9.60.51.1	DCK- M6 0370468 02 B9.50.50.1 B9.60.51.1	TAB- M3 0370066 04 B9.60.50.1 B9.60.40.1 B9.60.20.1 B9.60.31.1	CONN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.9
					A	B
5	DGS- M0 0370347 06 B9.40.61.1 B9.60.11.1 B9.60.02.1 B9.60.02.1 B9.60.02.1 B9.60.31.1	TDB- M3 0370389 04 B9.60.02.1	DBZ- M6 0370385 02 B9.60.51.1 B9.60.01.1	TAB- M3 0370066 04 B9.68.30.1 B9.60.11.1	OPEN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.9
		B C D	C D		B	A
6	DGU- M0 0370377 03 B9.60.02.1 B9.60.30.1 B9.60.02.1	DGU- M0 0370379 04 B9.50.50.1 B9.50.50.1 B9.50.50.1	OPEN NO CARD 01 B9.90.10.8	TAB- M3 0370066 04 B9.60.50.1 B9.60.50.1 B9.60.50.1	OPEN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.9
		A		B		B
7	DGS- M0 0370347 06 B9.60.31.1 B9.60.31.1 B9.60.31.1 B9.60.40.1	DGU- M0 0370379 04 B9.60.01.1 B9.60.02.1 B9.40.61.1	DCK- M0 0370468 02 B9.60.51.1 B9.60.51.1	TAB- M6 0370066 04 B9.60.50.1 B9.60.40.1 B9.60.30.1		OPEN NO CARD 01 B9.90.10.9
						B
8	DGX- M0 0370376 02 B9.60.02.1 B9.60.02.1	DFJ- M0 0370232 12 B9.60.02.1 B9.60.02.1 B9.60.30.1 B9.60.10.1 B9.60.02.1 B9.60.02.1	DBZ- M6 0370385 02 B9.60.01.1 B9.60.01.1	TAB- M6 0370066 04 B9.60.31.1 B9.60.20.1 B9.60.50.1	KA- OV 0371546 04 74.11.91.2 74.11.91.2 74.11.91.2 74.11.91.2	OPEN NO CARD 01 B9.90.10.9
		RE NOTE002	C			B
9	DGX- M0 0370376 02 B9.60.01.1 B9.60.31.1	DFJ- M0 0370232 12 B9.60.50.1 B9.60.50.1	DBZ- M6 0370385 02 B9.60.51.1 B9.60.02.1	TCK- M3 0370334 13 B9.60.51.1	KA- OV 0371546 04 74.11.91.2 74.11.91.2 74.11.91.2 74.11.91.2	OPEN NO CARD 01 B9.90.10.9
	A		L M N O P Q R S T U V W X Y Z			B
10	DGZ- M0 0370373 01 B9.60.02.1 B9.60.02.1	DHB- M0 0370348 06 B9.60.01.1 B9.50.52.1 B9.60.51.1 B9.60.50.1	DGU- M0 0370377 03 B9.60.02.1 B9.60.02.1	DBZ- M6 0370385 02 B9.60.10.1 B9.60.10.1	KA- OV 0371546 04 74.11.91.2 74.11.91.2	OPEN NO CARD 01 B9.90.10.9
		C			B	B
11	DFR- M0 0370226 04 B9.60.10.1 B9.60.01.1 B9.60.02.1	DGY- M0 0370375 02 B9.60.40.1 B9.60.20.1	DGU- M0 0370379 04 B9.60.31.1 B9.60.31.1 B9.40.61.1 B9.60.40.1	DHC- M0 0370372 06 B9.60.20.1 B9.60.02.1 B9.60.31.1 B9.60.40.1 B9.60.50.1 B9.60.02.1	DHC- M0 0370372 06 B9.60.40.1 B9.60.02.1	OPEN NO CARD 01 B9.90.10.9
					E A B C	B
12	DGU- M0 0370379 04 B9.60.30.1 B9.60.11.1 B9.60.11.1 B9.60.01.1	DFR- M0 0370226 04 B9.60.30.1 B9.60.30.1 B9.60.11.1 B9.60.01.1	DGT- M0 0370380 04 B9.50.52.1 B9.60.11.1 B9.60.50.1 B9.60.01.1	DHB- M0 0370348 06 B9.60.50.1 B9.60.40.1 B9.60.02.1 B9.60.10.1	OPEN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.9
			D F	A		B
13	DGV- M0 0370378 03 B9.40.61.1 B9.60.30.1 B9.60.11.1	DGT- M0 0370380 04 B9.60.30.1 B9.60.30.1 B9.40.61.1 B9.60.02.1	DFQ- M0 0370225 03 B9.60.30.1 B9.60.11.1	DFR- M0 0370226 04 B9.50.52.1 B9.60.31.1 B9.60.40.1 B9.60.01.1	OPEN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.9
		C			B	A
14	OPEN NO CARD 01 B9.90.10.8	DHC- M0 0370372 06 B9.60.02.1 B9.40.61.1 B9.50.50.1 B9.60.01.1 B9.60.31.1	DGV- M0 0370378 03 B9.60.31.1 B9.60.31.1 B9.60.31.1	DGV- M0 0370378 03 B9.50.50.1 B9.60.31.1 B9.60.11.1	OPEN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.9
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	A	B	C	D	E	F
15	DGZ- MO 0370373 01 B9.60.10.1 B9.60.10.1	DGV- MU 0370378 03 B9.60.10.1 B9.40.61.1	DGT- MO 0370380 04 B9.60.10.1 B9.60.40.1	DGY- MO 0370375 02 B9.60.30.1 B9.60.11.1	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
16	DGT- MO 0370380 04 B9.50.50.1 B9.50.50.1 B9.60.31.1 B9.50.50.1	DGZ- MU 0370373 01 B9.50.50.1 B9.50.50.1	DGT- MO 0370380 04 B9.60.31.1 B9.60.02.1 B9.50.50.1 B9.50.50.1	CH- OV 0371266 03 74.11.61.2 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
17	DGT- MO 0370380 04 B9.60.20.1 B9.60.20.1 B9.60.10.1	DFJ- MU 0370232 12 B9.60.20.1 B9.60.01.1 B9.40.61.1 B9.60.01.1 B9.60.51.1 B9.60.02.1	DGX- MO 0370376 02 B9.60.20.1 B9.60.30.1	CH- OV 0371266 03 74.11.61.2 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
18	DFC- MO 0370225 03 B9.60.40.1 B9.60.20.1 B9.60.02.1	DGU- MU 0370379 04 B9.60.20.1 B9.50.50.1 B9.60.30.1 B9.40.61.1	DGV- MO 0370378 03 B9.60.20.1 B9.60.01.1 B9.60.10.1	3JMX OV 0370141 02 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
19	DFR- MO 0370226 04 B9.60.30.1 B9.60.31.1 B9.60.31.1	OPEN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.8	3JMX OV 0370141 02 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
20	DGU- MO 0370379 04 B9.50.51.1 B9.60.40.1 B9.60.20.1 B9.60.20.1	DGV- MU 0370378 03 B9.60.40.1 B9.60.40.1 B9.60.40.1	DGX- MO 0370376 02 B9.60.40.1 B9.60.20.1	3JMX OV 0370141 02 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
21	DGX- MO 0370376 02 B9.50.51.1 B9.60.40.1	DFR- MO 0370226 04 B9.50.51.1 B9.60.40.1 B9.60.30.1	DGT- MO 0370380 04 B9.50.52.1 B9.50.51.1 B9.60.20.1	CRZV OV 0371274 04 74.11.61.2 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
22	DGT- MO 0370380 04 B9.50.51.1 B9.50.51.1 B9.50.51.1	DGZ- MU 0370373 01 B9.50.51.1 B9.50.51.1	DHB- MO 0370348 06 B9.50.51.1 B9.60.10.1 B9.60.10.1 B9.60.01.1 B9.60.01.1	CRZV OV 0371274 04 74.11.61.2 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
23	OPEN NO CARD 01 B9.90.10.8	GK- M6 0371533 06 B9.60.20.1 B9.60.11.1	DFC- MO 0370225 03 B9.60.50.1 B9.60.50.1 B9.60.50.1	CG- OV 0371263 03 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
24	EY- M6 0371199 08 B9.60.50.1	GK- M6 0371533 06 B9.60.50.1 B9.60.50.1	EY- M6 0371199 08 B9.60.20.1 B9.60.11.1 B9.60.50.1	4JMX OV 0370142 02 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
25	OPEN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.8	OPEN NO CARD 01 B9.90.10.8	CH- OV 0371266 03 74.11.61.2 74.11.61.2	OPEN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9
26	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.8	CONN NO CARD 01 B9.90.10.9	OPEN NO CARD 01 B9.90.10.9

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NOTE 1
89.60.51.1 89.60.02.1

NOTE 2
89.60.40.1 89.60.51.1 89.60.40.1 89.60.30.1

NOTE 3
89.60.02.1 89.50.50.1 89.60.02.1 89.50.50.1

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REMARKS					
A	B	C	D	E	F
CONN NO CARD 01 89.90.11.9	CONN NO CARD 01 89.90.11.9	CONN NO CARD 01 89.90.11.9	CONN NO CARD 01 89.90.11.9	CONN NO CARD 01 89.90.11.9	CONN NO CARD 01 89.90.11.9
A	A	A	A	A	B
CONN NO CARD 01 89.90.11.9	CONN NO CARD 01 89.90.11.9	CONN NO CARD 01 89.90.11.9	OPEN NO CARD 01 89.90.11.9	CONN NO CARD 01 89.90.11.9	DHE- M0 0370262 02 89.30.54.1
A	A	A	A	A	B
DGS- M0 0370347 06 89.30.10.1 89.30.20.1 89.30.11.1 89.30.11.1	DGS- M0 0370347 06 89.10.20.1 89.10.20.1 89.10.20.1 89.20.20.1 89.20.20.1	DGS- M0 0370347 06 89.30.42.1 89.30.42.1 89.30.42.1 89.30.42.1 89.30.43.1 89.30.43.1	DHA- M6 0370371 01 89.30.53.1 89.30.53.1	PP- M0 0371365 04 89.30.31.1 89.30.11.1	DHE- M0 0370262 02 89.10.31.1
E F				C D	B
DGS- M0 0370347 06 89.20.20.1 89.20.20.1 89.30.40.1 89.30.40.1 89.30.41.1	DGS- M3 0370347 06 89.30.43.1 89.30.56.1	DHF- M3 0370350 02 89.30.43.1 89.30.43.1 89.30.43.1 89.30.43.1 89.30.43.1 89.30.43.1	DHB- M0 0370348 06 89.20.11.1 89.30.51.1 89.30.51.1 89.30.51.1 89.30.52.1	DGY- M0 0370375 02 89.30.52.1 89.30.54.1	DHE- M0 0370262 02 89.33.31.1
	C D F		E		B
OPEN NO CARD 01 89.90.11.9	DFJ- M0 0370232 12 89.10.31.1 89.30.31.1 89.30.50.1 89.30.21.1 89.20.52.1 89.20.11.1	DHF- M0 0370350 02 89.30.43.1 89.30.43.1 89.30.43.1 89.30.43.1 89.30.43.1	DGX- M0 0370376 02 89.30.41.1 89.30.42.1	DFJ- M0 0370232 12 89.30.51.1 89.30.52.1 89.30.52.1 89.30.52.1 89.30.54.1 89.30.54.1	DHE- M0 0370262 02 89.30.50.1
B	RE NOTE001			RE NOTE002	B
DGZ- M3 0370373 01 89.30.56.1 89.30.56.1	DGT- M0 0370380 04 89.20.10.1 89.30.11.1 89.30.52.1 89.10.20.1	DHF- M0 0370350 02 89.30.42.1 89.30.42.1 89.30.42.1 89.30.42.1 89.30.42.1 89.30.42.1	DGT- M0 0370380 04 89.30.51.1 89.30.51.1 89.20.52.1 89.30.52.1	DGJ- M0 0370379 04 89.30.51.1 89.30.51.1 89.30.51.1 89.30.56.1	DHE- M0 0370262 02 89.30.51.1
	DHA- M3 0370374 01 89.30.53.1 89.30.53.1	DHF- M0 0370350 02 89.30.42.1 89.30.42.1 89.30.42.1 89.30.42.1 89.30.42.1 89.30.42.1	DGZ- M6 0370373 01 89.30.51.1 89.30.51.1	DGX- M3 0370376 02 89.30.51.1 89.30.56.1	DHA- M0 0370374 01 89.30.31.1 89.30.31.1
DGY- M3 0370375 02 89.30.55.1 89.30.54.1	DGX- M6 0370376 02 89.30.52.1 89.30.53.1	DHF- M0 0370350 02 89.30.40.1 89.30.40.1 89.30.40.1 89.30.40.1 89.30.40.1 89.30.40.1	DGZ- M3 0370373 01 89.30.51.1 89.30.51.1	DGX- M0 0370376 02 89.30.51.1 89.30.52.1	DGY- M0 0370375 02 89.10.31.1 89.30.53.1
DGX- M0 0370376 02 89.30.41.1 89.30.42.1	DGZ- M0 0370373 01 89.30.52.1 89.30.52.1	DHF- M0 0370350 02 89.30.40.1 89.30.40.1 89.30.40.1 89.30.40.1 89.30.40.1	DGZ- M4 0370373 01 89.30.51.1 89.30.51.1	DGX- M0 0370376 02 89.30.50.1	DFJ- M0 0370232 12 89.30.31.1 89.30.31.1 89.30.53.1 89.20.30.1 89.20.30.1 89.30.55.1 89.30.50.1
					RE NOTE003
DHA- M6 0370374 01 89.30.54.1 89.30.54.1	DHB- M0 0370348 06 89.30.51.1 89.30.54.1 89.30.54.1 89.20.10.1 89.20.11.1	DGY- M6 0370375 02 89.30.54.1 89.30.55.1	DGY- M6 0370375 02 89.30.54.1 89.30.54.1	DGY- M3 0370375 02 89.30.54.1 89.30.54.1	DHC- M0 0370372 06 89.30.31.1 89.30.50.1 89.30.31.1 89.30.54.1 89.30.20.1 89.30.31.1
	F				
JB- M1 0371244 01 89.30.20.1	TDC- M2 0370340 01 89.30.20.1	DHA- M0 0370374 01 89.30.50.1 89.30.50.1	DGZ- M0 0370373 01 89.30.50.1 89.30.50.1	DGV- M0 0370378 03 89.30.50.1 89.30.40.1 89.30.53.1	DGZ- M3 0370373 01 89.30.53.1
	B C				
DHB- M0 0370348 06 89.30.11.1 89.30.20.1 89.30.20.1 89.30.31.1	DGV- M0 0370379 04 89.30.40.1 89.30.20.1 89.30.20.1 89.30.56.1	DEF- M0 0370216 04 89.10.31.1 89.30.20.1 89.30.20.1 89.30.20.1	DFR- M0 0370226 04 89.30.20.1 89.30.31.1 89.30.31.1 89.30.50.1	DGV- M0 0370378 03 89.20.30.1 89.30.10.1 89.30.10.1	DGV- M0 0370379 04 89.20.30.1 89.20.30.1 89.30.10.1 89.30.10.1
B E					
	DGT- M0 0370380 04 89.30.20.1 89.30.40.1 89.30.20.1 89.30.20.1	DHC- M0 0370372 06 89.10.31.1 89.30.10.1 89.30.20.1 89.30.40.1	DGX- M0 0370376 02 89.20.30.1 89.30.52.1	DFR- M0 0370226 04 89.30.11.1 89.20.10.1 89.20.30.1 89.10.30.1	DFR- M0 0370226 04 89.10.31.1 89.20.10.1 89.30.20.1 89.10.31.1
DEF- M0 0370216 04 89.30.11.1 89.30.20.1 89.30.20.1 89.30.20.1	DGX- M0 0370376 02 89.20.30.1 89.30.20.1	DGX- M0 0370376 02 89.20.30.1 89.30.10.1	DGX- M0 0370376 02 89.20.30.1 89.20.30.1	DGX- M0 0370376 02 89.20.30.1 89.20.30.1	DFR- M0 0370226 04 89.10.31.1 89.30.10.1 89.20.10.1 89.30.20.1

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15	DGV-M0 0370378 03 B9.10.10.1 B9.10.11.1 B9.10.40.1	DGU-M0 0370379 04 B9.10.11.1 B9.10.11.1 B9.10.50.1	DGT-M0 0370380 04 B9.10.11.1 B9.10.11.1 B9.10.11.1	DGT-M0 0370380 04 B9.10.11.1 B9.10.11.1 B9.10.11.1	DGV-M0 0370375 02 B9.10.11.1 B9.20.20.1	DGV-M0 0370378 03 B9.10.11.1 B9.10.11.1 B9.20.20.1
16	DGW-M0 0370377 01 B9.10.10.1 B9.10.52.1 B9.10.52.1	DGT-M0 0370380 04 B9.10.11.1 B9.10.11.1 B9.10.11.1	DGU-M0 0370379 04 B9.10.11.1 B9.10.11.1 B9.10.11.1	DHB-M0 0370348 06 B9.10.10.1 B9.10.10.1 B9.10.10.1	DGV-M0 0370375 02 B9.10.10.1 B9.10.10.1	DGV-M0 0370375 02 B9.10.10.1 B9.10.10.1
17	DHA-M2 0370374 01 B9.10.11.1 B9.10.51.1	AJT-M0 0370564 05 B9.10.10.1 B9.10.10.1 B9.10.10.1	DGV-M0 0370378 03 B9.10.10.1 B9.10.10.1 B9.20.11.1	DGX-M0 0370376 02 B9.10.10.1 B9.10.10.1 B9.20.20.1	DGZ-M3 0370373 01 B9.10.10.1 B9.10.55.1	DEF-M0 0370216 04 B9.10.10.1 B9.10.10.1 B9.20.10.1
18	NO CARD 01 B9.90.11.9	DHF-M0 0370350 02 B9.10.10.1 B9.10.10.1 B9.10.10.1	DGT-M0 0370380 04 B9.10.10.1 B9.10.10.1 B9.20.10.1	DFQ-M0 0370225 03 B9.10.10.1 B9.10.10.1 B9.30.54.1	DHF-M0 0370350 02 B9.10.10.1 B9.10.10.1 B9.10.10.1	DHF-M0 0370350 02 B9.10.10.1 B9.10.10.1 B9.10.10.1
19	DHB-M0 0370348 06 B9.10.11.1 B9.10.30.1 B9.10.30.1	DHF-M0 0370350 02 B9.10.10.1 B9.10.10.1 B9.10.10.1	DFJ-M0 0370232 12 B9.10.10.1 B9.10.31.1 B9.10.31.1	DGV-M0 0370378 03 B9.10.10.1 B9.10.10.1 B9.10.20.1	DHD-M0 0370371 12 B9.10.10.1 B9.10.10.1 B9.10.10.1	DGU-M0 0370379 04 B9.10.10.1 B9.10.10.1 B9.10.31.1
20	NO CARD 01 B9.90.11.9	DEJ-M4 0370219 03 B9.10.10.1 B9.10.10.1 B9.20.10.1	DGU-M3 0370379 04 B9.10.10.1 B9.10.10.1 B9.20.10.1	DGW-M2 0370377 03 B9.10.10.1 B9.10.10.1 B9.20.10.1	DFR-M0 0370226 04 B9.10.10.1 B9.10.10.1 B9.30.10.1	DGT-M0 0370380 04 B9.10.10.1 B9.10.10.1 B9.10.31.1
21	NO CARD 01 B9.90.11.9	DGZ-M0 0370373 01 B9.10.55.1 B9.10.55.1	DGU-M0 0370379 04 B9.10.11.1 B9.10.11.1	DFR-M0 0370226 04 B9.10.10.1 B9.10.31.1	DHD-M0 0370371 12 B9.10.10.1	DFQ-M0 0370225 03 B9.10.10.1 B9.10.20.1 B9.30.20.1
22	TDD-M3 0370400 03 B9.20.10.1	TDE-M2 0370399 03 B9.20.10.1	TDG-M4 0370397 03 B9.20.10.1	TBQ-M3 0370295 01 B9.10.10.1	TBS-M2 0370298 01 B9.10.10.1	TBR-M4 0370297 01 B9.10.10.1
23	TDF-M3 0370398 03 B9.20.10.1	TDH-M2 0370396 03 B9.20.10.1	TDK-M5 0370551 03 B9.20.10.1	TBG-M3 0370296 01 B9.10.10.1	DAZ-M2 0370127 01 B9.10.10.1	TBV-M5 0370299 01 B9.10.10.1
24	NO CARD 01 B9.90.11.9	DGV-M0 0370375 02 B9.10.52.1 B9.20.11.1	DHC-M0 0370372 06 B9.10.52.1 B9.10.52.1 B9.10.31.1	DGW-M2 0370377 03 B9.20.11.1 B9.20.11.1	TFM-M8 0370818 01 B9.20.10.1	DGT-M8 0370380 04 B9.20.10.1 B9.20.11.1 B9.20.11.1
25	NO CARD 01 B9.90.11.9	DHA-OVT 0370374 01 B9.10.52.1 B9.10.52.1	NO CARD 01 B9.90.11.9	NO CARD 01 B9.90.11.9	NO CARD 01 B9.90.11.9	DGV-M8 0370375 02 B9.20.11.1 B9.20.11.1
26	NO CARD 01 B9.90.11.9	NO CARD 01 B9.90.11.9	NO CARD 01 B9.90.11.9	NO CARD 01 B9.90.11.9	NO CARD 01 B9.90.11.9	NO CARD 01 B9.90.11.9

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CIRCUIT CARD LOCATION CHART
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DATE AUG 08, 1963

NOTE 1
B9.20.11.1 B9.20.11.1 B9.20.11.1
NOTE 2
B9.30.54.1 B9.30.55.1 B9.30.55.1 B9.30.54.1
NOTE 3
B9.30.50.1 B9.30.31.1 B9.10.30.1
NOTE 4
B9.10.31.1 B9.10.31.1 B9.30.11.1
NOTE 5
B9.30.54.1 B9.30.31.1 B9.20.30.1 B9.10.31.1

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