

TECHNICAL MANUAL

TM 9-1220-221-34/3

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL

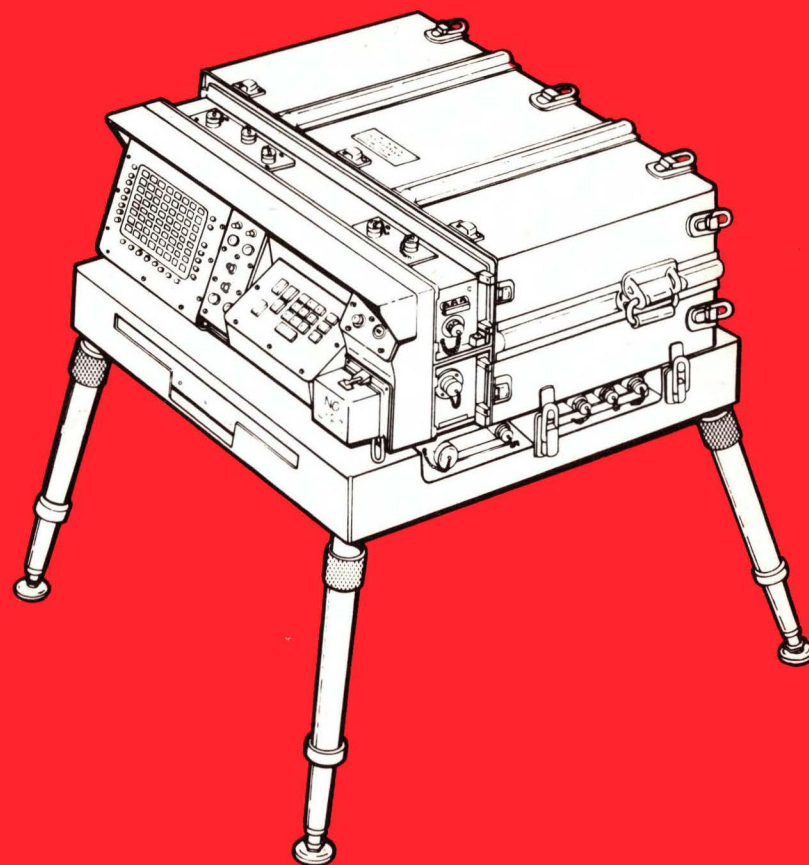
**PROGRAM
PRINTOUT OF
TEST TAPE C
(4931-00-687-8512)**

FOR

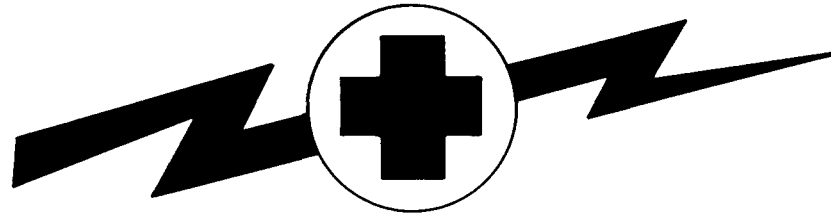
**COMPUTER,
GUN DIRECTION,
M18**

(FADAC)

(1220-00-448-0131)



WARNING



HIGH VOLTAGE

is used in the operation of this equipment.

DEATH ON CONTACT

may result if personnel fail to observe safety precautions.

Never work on electronic equipment unless there is another person nearby who is familiar with the operation and hazards of the equipment and who is competent in administering first aid. When the technician is aided by operators, he must warn them about dangerous areas.

Whenever possible, the power supply to the equipment must be shut off before beginning work on the equipment. Take particular care to ground every capacitor likely to hold a dangerous potential. When working inside the equipment after the power has been turned off, always ground every part before touching it.

Be careful not to contact high-voltage connections of 220-volt ac input connections when installing or operating this equipment.

Whenever the nature of the operation permits, keep one hand away from the equipment to reduce the hazard of current flowing through vital organs of the body.

Do not be misled by the term "low voltage". Potentials as low as 50 volts may cause death.

For artificial respiration, refer to FM 21-11.

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL
 TEST TAPE C PROGRAM PRINTOUT
 FOR
 COMPUTER, GUN DIRECTION, M18
 (FADAC)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished to you.

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*This publication supersedes TM 9-1220-221-34/3, dated 9 November 1965, including all changes.

CHAPTER 1

INTRODUCTION

1-1. SCOPE

These instructions provide information and guidance for personnel responsible for direct support and general support maintenance of the gun direction computer M18 (FADAC). These instructions provide the current complete test tape C program printout. This printout corresponds to the information in the associated punched tape used in semiautomatic and manual isolation of malfunctions in the FADAC.

1-2. REFERENCES

- a. For a general description of the FADAC and its operation and maintenance, refer to TM 9-1220-221-10-1, TM 9-1220-221-10-2, TM 9-1220-221-20&P, and TM 9-1220-221-34/1.
- b. TM 9-1220-221-34/1 contains a list of references, including supply manuals, technical manuals, and other available publications applicable to the FADAC, its support equipment, and associated kits and equipment.

1-3. TAPE CARTRIDGE ASSEMBLY

- a. Description and Identification. Punched paper tape is supplied in a tape cartridge 8 inches high, 9 inches wide, and 1-1/2 inches deep. The cartridge is equipped with an adjustable filler to accommodate tapes of various lengths. A number on the cartridge identifies the assembly. The tape is identified by a number printed at the start and finish of the tape.
- b. Nature of Tests. When run in association with the signal data reproducer AN/GSQ-64 (SDR) and the computer logic unit test set AN/GSM-70 (FALT), the tapes provide a test of circuits within the FADAC. The circuits tested are noted in the tape program printout listed in chapter 3.
- c. Assemblies Tested. If the tape stops when running⁹ a test and an error indicator flashes on the FALT, the printout should be consulted. The printout indicates the possible malfunctioning assembly or assemblies according to the test number (marker number) being performed when the error occurred.

CHAPTER 2

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE USING TAPE-PROGRAMMED TEST TAPE C

2-1. SUPPORT EQUIPMENT

- a. **Controls and Indicators.** A complete description of the controls and indicators of the SDR and the FALT, including control box C-4020/GSM-70, is found in the operation and organizational maintenance manuals for these units.
- b. **General Operation.**
- (1) A semiautomatic tape-programmed test for the purpose of malfunction isolation may be performed. Load the tape cartridge assembly containing the test tape in the SDR. Connect the equipment in accordance with the instructions on the decal on top of the light shield of the FALT.
 - (2) Follow instructions given in TM 9-1220-221-20 & P, or as specified in chapter 3. The equipment may then be energized and the tape run by moving the OPERATE control on the FALT to RESET, then to TAPE. In direct support and general support maintenance shops, this will normally be done with the control box C-4020 mounted on the half-hinge on the right side of the FALT and connected using the cable provided in the control box case.
 - (3) When the test detects an improper result (malfunction), the tape automatically stops, an error indicator on the FALT flashes, and a marker number and index number are displayed. The corresponding marker number is then determined from the printout. The test in process is determined by counting the number of columns on the printout which have occurred since the last marker number, up to the index number dis-

played. The step in the test process which resulted in an error is then known. The test may be repeated by moving the OPERATE control to MAN (manual) and entering the commands, using the control box.

CAUTION

No attempt should be made by field maintenance personnel to replace defective components on the circuit boards. Not only can replacement of components have a detrimental effect on the operation of the circuit involved, but indiscriminate use of a soldering iron can cause further damage to the circuits as well as surrounding components. Defective boards should be forwarded through normal supply channels to depot shops for repair.

- (4) Alternate tests may be commanded by manual operation of the control box. The etched circuit board in the board (slot) number indicated by the printout may then be removed and replaced by a spare. The test may then be rerun.
 - (5) If the program continues beyond the former point of error, it may be assumed that the replacement board has cleared the trouble.
 - (6) For a detailed discussion of the operation and analysis in a typical situation, see TM 9-1220-221-34/1.
- c. **Control Box C-4020/GSM-70.** The test tape may be run while the control box is attached to the FALT. The operator may insert commands and generate measurements by means of manual operation of the control box. For detailed procedures, refer to TM 9-4931-204-34/1.

2-2. ORGANIZATION OF THE PROGRAM PRINTOUT

a. **Glossary of Special Terms and Abbreviations.** Special terms and abbreviations, together with an explanation of their meaning, are listed in chapter 3.

b. **Reading the Program Printout.**

(1) **General instructions.** The printout is organized in 10 columns. The instructions are self-explanatory. The number in a column by itself indicates the marker number. To determine test progress, the MARKER-INDEX number is read from the FALT display. The marker number is then found in the printout (see chapter 3). All columns are read from left to right up to and including the index number displayed. That

term in the column so determined is the command, action, or measurement in progress when the tape is stopped. Characters or other information not aligned vertically with the 10 columns are not counted in making a determination.

(2) **Example.** The ERROR indicator of the FALT flashes and the MARKER-BOARD #1 reads 145 and the INDEX-BOARD #2 reads 109. Turn to page 3-40 where marker 145 is. Find marker 145. Find the fourth row of terms. Follow it over to the sixth term where you will find the term 1SA, which is the command in progress when the tape stopped.

CHAPTER 3

TEST TAPE C PROGRAM PRINTOUT

Section I. INTRODUCTION

3-1. GENERAL

Section III represents the printout of tape-programmed test C. Identification information with possible revision letters or dates is given in the opening lines of the listing, together with connection information and instructions. Check identification information in the printout against identification information on the tape. The printout must correspond to identification information on the start and finish ends of the tape.

3-2. SPECIAL TERMS AND ABBREVIATIONS

- a. The words "tape reader" refer to the SDR.
- b. The words "Manual Entry Unit" refer to the control box C-4020/GSM-70.
- c. Numbers separated by a hyphen (e.g., 015-034) refer to a marker and index number combination.
- d. Symbols followed by a hyphen (e.g., B1-) refer to the complement or inversion of the logic symbol; sometimes referred to in printed text as the prime, or followed by a prime (').
- e. The words "shorting cable" refer to the branched wiring harness. This harness has three plugs marked P10, P16, and P17 which fit corresponding receptacles on the FADAC. The harness is stored in the rear cover and is part of the FALT.
- f. The words "mechanical tape reader" refer to the punched paper tape reader located on the lower right corner of the main control panel of the FADAC. The tape sensing lever of this reader rides high when tape is present. When tape is not present, the tape sensing lever roller wheel falls into a slot. In this manner, electrical circuits within the reader sense the presence or absence of tape. It is possible to place a short piece of tape underneath the tape sensing lever in such a way that it is not engaged by the sprocket teeth and will not move when the sprocket teeth turn. In this way, the electrical equivalent of the continuous presence of tape for an indefinite period may be simulated. If, however, the short piece of tape used is of improper width or too thick so that tape sensing lever rides abnormally high, the equivalent of excessive tape tension is simulated, which activates certain inhibit circuits.

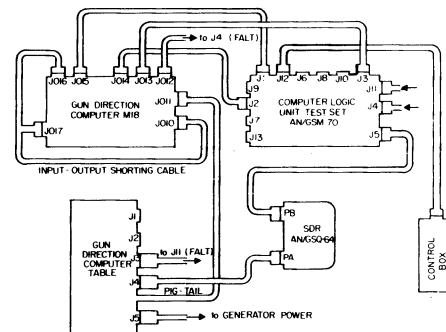
Section II. OPERATOR INSTRUCTIONS

3-3. INITIAL FALT SETUPS FOR FADAC TESTING

- a. CONFIDENCE TEST switch in OFF position.
- b. TEST NORMAL indicator lamp is lit.
- c. DELAY START switch in OFF position.
- d. PROGRAM SKIP A, B, and C switches in OFF position.
- e. WR SW switch in OFF position.
- f. HOMING SELECT switch in MARKER INDEX position.
- g. HOMING switch in OFF position.
- h. MARGINAL TEST switch in OFF position.
- i. PRESET STOP switch in NORM position.

3-4. INITIAL FADAC SETUPS FOR FALT TESTING

- a. The memory cable plugs P2 thru P8 are connected to the memory.
- b. The FALT cables shall be connected to FADAC as follows:



(1) FALT J4 to FADAC J12.

(2) FALT J3 to FADAC J13.

(3) FALT J2 to FADAC J14.

(4) FALT J1 to FADAC J15.

- c. Depress matrix buttons A and 1.
- d. Depress weapon type button 1.
- e. Depress battery button A.
- f. The input-output shorting cable shall be connected between J10, J16, and J17 of FADAC.
- g. Energize the SDR, FALT, and FADAC in that order.
- h. Check both internal and external voltages using the VOLTAGE MONITOR. Ensure that MARGINAL TEST switch on FADAC is in OFF position when checking external voltage with VOLTAGE MONITOR.
- i. Start the tape reader.

Section III. TEST TAPE C PROGRAM PRINTOUT

Flip-flop logic tests for CP3, CP2, CP76, CR7, CR6, CR5, CR4, CR3, CR2, CFSW, C6, C5, C4, C2, CFS, NC, DC, DP, DX, DSH, MN, MP, ND, NP, NX, I32, G, L32, DA8, DA7, DA6, DA5, DA4, DA3, DA2, DA1, OP1, OP2, OP3, 96, ID, IP, LC, AND 04 flip-flops.

| Tape stops | Marker number | |
|------------|---------------|--|
| 001 | | Logic for one side CP3 is on boards 318, 319. |
| | | OSA B4 CL4 K TSO OE18 1SA 1E18 1TF CP3 |
| | 01 | 1SA CP3 FS OE18 1SA 1E18 1TF CP3 01 |
| | | OSA TX AK CP2 OB4 OB2 05 OE18 1SA 1E18 |
| | | 1TF CP3 02 |
| | | 1SA B2 CP3 D E K OB3 OE18 1SA 1E18 |
| | | 1TF CP3 02 |
| 002 | | CP3 and test, one side. |
| | | 1SA B2 CL4 CP3 D E FS OB3 OE18 1SA |
| | | 1E18 OTF CP3 01 CL4 02 OCT K- |
| | | 1SA TX AK B4 CP3 CP2 OB4 OB2 05 TSO |
| | | OE18 1SA 1E18 OTF CP3 01 KFST |
| | | 1SA B2 D E FS K OB3 OE18 BSC CP3 |
| | | 1E18 OTE CP3 02 CP3- 01 KFST KT32 K |
| | | 1SA B2 CP3 CP2 D E FS K OB3 OE18 |
| | | 1SA 1E18 OTF CP3 02 CP2 01 KFST KT32 K |
| | | 1SA TX AK B4 CL4 CP3 OB4 OB2 05 TSO |
| | | OE18 1SA 1E18 OTF CP3 02 OCT |
| 003 | | CP3 or test, zero side. Logic for zero side CP3 is on boards 318, 319. |
| | | OSA B4 CP3 K TSO OE18 OSA 1E18 OTF CP3 |
| | 01 | 1SA CL4 FS OE18 OSA 1E18 OTF CP3 01 |
| | | OSA B2 CL7 CP3 D F OB3 OE18 OSA 1E18 |
| | | OTF CP3 02 |
| | | 1SA TX AK CP2 K OB4 OB2 05 OE18 OSA |
| | | 1E18 OTF CP3 02 |
| | | OSA TX AK CP3 CP2 OB4 OB2 05 OE18 OSA |
| | | 1E18 OTF CP3 03 |
| | | 1SA B2 CL7 D E K OB3 OE18 OSA 1E18 |
| | | OTE CP3 03 |
| 004 | | CP3 and test, zero side. |
| | | 1SA B2 D E FS OB3 OE18 OSA 1E18 1TF |
| | | CP3 01 CL4 02 CRS K- 03 OCT K- |
| | | 1SA TX AK B4 CL7 CL4 CP2 K OB4 OB2 |
| | | 05 TSO OE18 OSA 1E18 1TF CP3 01 KFST 02 |

| | | | | | | | | | |
|------|-----|--------|--------|-----|-----|--------|--------|---------|---------|
| CRS | CL7 | . | . | . | . | . | . | . | . |
| 1SA | TX | AK | B4 | CL7 | CP2 | OB4 | OB2 | 05 | TS0 |
| OE18 | OSA | 1E18 | 1TF | CP3 | . | 02 CRS | . | . | . |
| 1SA | B2 | CL7 | CL4 | CP3 | D | E | FS | K | OB3 |
| OE18 | BSC | CP3 | 1E18 | 1TF | CP3 | . | 03 CP3 | . | 01 KFST |
| KT32 | K | . | 02 CRS | CL7 | . | . | . | . | . |
| 1SA | B2 | CL7 | CL4 | CP2 | D | E | FS | K | OB3 |
| OE18 | OSA | 1E18 | 1TF | CP3 | . | 03 CP2 | . | 01 KFST | KT32 |
| K | . | 02 CRS | CL7 | . | . | . | . | . | . |
| 1SA | TX | AK | B4 | CL7 | K | OB4 | OB2 | 05 | TS0 |
| OE18 | OSA | 1E18 | 1TF | CP3 | . | 03 OCT | . | 02 CRS | CL7 |

005 CP2 or test, one side. Logic for one side CP2 is on boards 233, 234, 235, 341.

| | | | | | | | | | |
|------|-----|-----|------|-----|------|------|------|------|------|
| OSA | B4 | CL3 | CP5 | K | TS0 | OE18 | 1SA | 1E18 | 1TF |
| CP2 | . | 01 | . | . | . | . | . | . | . |
| 1SA | CP7 | CP6 | CP2 | FS | OE18 | 1SA | 1E18 | 1TF | CP2 |
| . | 01 | . | . | . | . | . | . | . | . |
| 1SA | CP7 | CP6 | CP2 | GS | OE18 | 1SA | 1E18 | 1TF | CP2 |
| . | 01 | . | . | . | . | . | . | . | . |
| OSA | B4 | CL3 | CP7 | CP6 | FS | K | TS0 | OE18 | 1SA |
| 1E18 | 1TF | CP2 | . | 02 | . | . | . | . | . |
| 1SA | CP5 | CP2 | OE18 | 1SA | 1E18 | 1TF | CP2 | . | 02 |
| OSA | TX | AK | OB4 | OB2 | 05 | OE18 | 1SA | 1E18 | 1TF |
| CP2 | . | 03 | . | . | . | . | . | . | . |
| 1SA | B2 | CP2 | D | E | K | OB3 | OE18 | 1SA | 1E18 |
| 1TF | CP2 | . | 03 | . | . | . | . | . | . |

006 CP2 and test, one side.

| | | | | | | | | | |
|------|---------|---------|------|---------|---------|---------|---------|--------|--------|
| 1SA | B2 | CL3 | CP5 | CP2 | D | E | FS | OB3 | OE18 |
| 1SA | 1E18 | OTF | CP2 | . | 01 CL3 | . | 02 CL3 | . | 03 OCT |
| K- | . | . | . | . | . | . | . | . | . |
| 1SA | TX | AK | B4 | CP7 | CP6 | CP2 | OB4 | OB2 | 05 |
| TS0 | OE18 | 1SA | 1E18 | OTF | CP2 | . | 01 KFST | . | . |
| 1SA | B2 | CP7 | CP5 | CP2 | D | E | OB3 | OE18 | 1SA |
| 1E18 | OTF | CP2 | . | 02 CPU6 | CP7 | . | 01 KFST | FS- | 03 |
| OCT | K- | . | . | . | . | . | . | . | . |
| 1SA | B2 | CP6 | CP5 | CP2 | D | E | OB3 | OE18 | 1SA |
| 1E18 | OTF | CP2 | . | 02 CPU6 | CP6 | . | 01 KFST | FS- | 03 |
| OCT | K- | . | . | . | . | . | . | . | . |
| 1SA | B2 | CP2 | D | E | OB3 | OE18 | 1SA | 1E18 | OTF |
| CP2 | . | 02 CPU6 | CP5- | . | 01 KFST | FS | . | 03 OCT | K- |
| 1SA | TX | AK | B4 | CP5 | CP2 | OB4 | OB2 | 05 | TS0 |
| OE18 | 1SA | 1E18 | OTF | CP2 | . | 02 KT32 | . | . | . |
| 1SA | B2 | CP5 | D | E | FS | K | OB3 | OE18 | BSC |
| CP2 | 1E18 | OTF | CP2 | . | 03 CP2- | . | 01 KFST | KT32 | K |
| . | 02 KT32 | K | . | . | . | . | . | . | . |

| Tape stops | Marker number | | | | | | | | | | | | |
|------------|---------------|---|--|--|--|---------------------------------|--|--|---------------|--------------------------------------|----------------------------|-----------------------|---------|
| | 007 | 1SA 05 | TX TSO | AK OE18 | B4 1SA | CL3 1E18 | CP7 OTF | CP6 CP2 | CP2 . | 03 | OB4 OCT | OB2 . | |
| | 008 | CP2 or test, zero side. Logic for zero side CP2 is on boards 233, 234. | | | | | | | | | | | |
| | | OSA CP2 1SA | B4 CL3 | CP5 CP7 | CP2 CP6 | K FS | TSO OE18 | OE18 OSA | OSA 1E18 | | 1E18 OTF | OTF CP2 | |
| | | OSA 1E18 1SA OSA OTF 1SA OTF OSA OTF 1SA OTF | B4 OTF CL3 B2 CP2 TX CP2 TX CP2 B2 CP2 | CP7 CP2 CP5 CL7 AK . | CP6 CP2 OE18 CP2 K CP2 . | CP2 02 OSA D K . | FS 1E18 E OB4 OB2 OB4 E K | K TSO OTF OB3 OE18 OB2 OB2 OB3 OE18 . | TSO . | 02 | OE18 . | OSA 1E18 | |
| | 009 | CP2 and test, zero side. | | | | | | | | | | | |
| | | 1SA 1TF OCT 1SA OB2 1SA 1E18 K- 1SA 05 1SA TSO 1SA OB3 KFST | B2 CP2 K- TX 05 CRS B2 1TF . | CP5 . | 01 CL3- | D . | E . | FS CL3- | 02 . | 03 CRS | 03 OE18 K- K . | OSA 1E18 . | 04 . |
| | | 1SA 1E18 K- 1SA 05 1SA TSO 1SA OB3 KFST | 03 CRS B2 1TF . | CP7 CP2 OCT AK OE18 OSA AK OSA CL7 BSC K | CP6 CP7 CPU6 K- B4 OSA B4 1E18 CP2 CP2 . | 02 . | CP6 CP6 D E . | 01 KFST . | 03 FS . | 04 OB4 OB2 FS CP2 CL7 | 03 CRS . | 04 OB4 OB2 . | 01 . |
| | 010 | 1SA 05 CRS | TX TSO CL7 | AK OE18 . | B4 OSA . | CL7 1E18 . | CP7 1TF . | CP6 CP2 . | K . | 04 | OB4 OCT . | OB2 . . | 03 . |
| | 011 | CP76 or test, one side. Logic for one side CP76 is on boards 318, 319. | | | | | | | | | | | |
| | | OSA 1SA | CP7 CP76 | CP6 XR | OE18 OE18 | 1SA 1SA | 1E18 1E18 | 1TF 1TF | CP76 CP76 | | 01 01 | . | . |

| | | | | | | | | | | | | |
|-----|--|-----|------|------|------|------|------|------|------|------|-----|----|
| | OSA | XR | OE18 | 1SA | 1E18 | 1TF | CP76 | . | 02 | . | . | 02 |
| | 1SA | CP7 | CP6 | CP76 | OE18 | 1SA | 1E18 | 1TF | . | CP76 | . | . |
| 012 | CP76 and test, one side. | | | | | | | | | | | |
| | 1SA | CP7 | CP76 | XR | OE18 | 1SA | 1E18 | OTF | . | CP76 | . | 01 |
| | CP7 | . | 02 | XR | . | . | . | . | . | . | . | . |
| | 1SA | CP6 | CP76 | XR | OE18 | 1SA | 1E18 | OTF | . | CP76 | . | 01 |
| | CP6 | . | 02 | XR | . | . | . | . | . | . | . | . |
| 013 | CP76 or test, zero side. Logic for zero side CP76 is on boards 318, 319. | | | | | | | | | | | |
| | OSA | CP6 | CP76 | OE18 | OSA | 1E18 | OTF | CP76 | . | 01 | . | . |
| | 1SA | CP7 | XR | OE18 | OSA | 1E18 | OTF | CP76 | . | 01 | . | . |
| | OSA | CP7 | CP76 | OE18 | OSA | 1E18 | OTF | CP76 | . | 02 | . | . |
| | 1SA | CP6 | XR | OE18 | OSA | 1E18 | OTF | CP76 | . | 02 | . | . |
| 014 | CP76 and test, zero side. | | | | | | | | | | | |
| | 1SA | XR | OE18 | OSA | 1E18 | 1TF | CP76 | . | 01 | CP7- | . | 02 |
| | CP6- | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | CP7 | CP6 | OE18 | OSA | 1E18 | 1TF | CP76 | . | 01 | XR- | . |
| | . | 02 | XR- | . | . | . | . | . | . | . | . | . |
| 015 | CR7 or test, one side. Logic for one side CR7 is on board 231. | | | | | | | | | | | |
| | OSA | B5 | IP | OE18 | 1SA | 1E18 | 1TF | CR7 | . | 01 | . | . |
| | 1SA | B6 | CR7 | OE18 | 1SA | 1E18 | 1TF | CR7 | . | 01 | . | . |
| | OSA | B4 | S | OE18 | 1SA | 1E18 | 1TF | CR7 | . | 02 | . | . |
| | 1SA | B6 | B5 | CR7 | ID | IP | OE18 | 1SA | 1E18 | 1TF | . | . |
| | CR7 | . | 02 | . | . | . | . | . | . | . | . | . |
| | OSA | B4 | IP | OE18 | 1SA | 1E18 | 1TF | CR7 | . | 03 | . | . |
| | 1SA | B6 | B5 | CR7 | ID | S | OE18 | 1SA | 1E18 | 1TF | . | . |
| | . | 03 | . | . | . | . | . | . | . | . | . | . |
| | OSA | B4 | ID | IP | S | OE18 | 1SA | 1E18 | 1TF | CR7 | . | . |
| | . | 04 | . | . | . | . | . | . | . | . | . | . |
| | 1SA | B6 | B5 | CR7 | OE18 | 1SA | 1E18 | 1TF | CR7 | . | 04 | . |
| | OSA | B4 | ID | OE18 | 1SA | 1E18 | 1TF | CR7 | 05 | . | . | . |
| | 1SA | B6 | B5 | CR7 | IP | S | OE18 | 1SA | 1E18 | 1TF | . | . |
| | CR7 | C5 | . | . | . | . | . | . | . | . | . | . |
| | OSA | B6 | B3 | IP | K | OB6 | OB5 | OB4 | OB3 | OB2 | . | . |
| | OE18 | 1SA | 1E18 | 1TF | CR7 | . | 06 | . | . | . | . | . |
| | 1SA | B4 | B2 | B1 | CR7 | OFLO | OE18 | 1SA | 1E18 | 1TF | . | . |
| | CR7 | . | 06 | . | . | . | . | . | . | . | . | . |

Tape stops **Marker number**

| | | | | | | | | | | | |
|-----|--|------|-------|------|------|------|------|------|------|------|-----|
| 016 | CR7 and test, one side. | | | | | | | | | | |
| | 1SA | B6 | CR7 | ID | IP | OE18 | 1SA | 1E18 | OTF | CR7 | |
| | . | 01 | IP | . | . | . | . | . | . | . | . |
| | 1SA | B6 | B5 | B4 | B3 | CR7 | ID | K | OB6 | OB5 | 01 |
| | OB4 | OB3 | OB2 | S | OE18 | 1SA | 1E18 | OTF | CR7 | . | |
| | TRC | . | . | . | . | . | . | . | . | . | |
| | 1SA | B6 | B5 | CR7 | ID | IP | S | OE18 | 1SA | 1E18 | |
| | OTF | CR7 | . | 02 | S | 03 | IP | 05 | ID | OTF | CR7 |
| | 1SA | B6 | B5 | CR7 | ID | OE18 | 1SA | 1E18 | OTF | CR7 | |
| | . | 02 | IP- | . | 01 | TRC | B5 | 03 | S- | 04 | ID |
| | 1SA | B6 | B5 | CR7 | IP | OE18 | 1SA | 1E18 | OTF | CR7 | |
| | . | 02 | ID- | . | 04 | IP | . | 05 | S- | OE18 | OTF |
| | 1SA | B6 | B5 | CR7 | S | OE18 | 1SA | 1E18 | OTF | CR7 | |
| | . | 03 | ID- | . | 01 | TRC | B5 | 04 | S | 05 | IP- |
| | 1SA | B6 | B4 | CR7 | IP | S | OE18 | 1SA | 1E18 | OTF | |
| | CR7 | . | 05 | TRS | . | 01 | IP | . | . | . | |
| 017 | 1SA | B4 | B2 | B1 | CR7 | K | OB6 | OB5 | OB3 | OB2 | |
| | OFLO | OE18 | 1SA | 1E18 | OTF | CR7 | . | 06 | OYB | 01 | TRC |
| | B6- | . | . | . | . | . | . | . | . | . | |
| | 1SA | B4 | B2 | B1 | CR7 | IP | OFLO | OE18 | 1SA | 1E18 | |
| | OTF | CR7 | . | 06 | IP | . | . | . | . | . | |
| | 1SA | B6 | B5 | B4 | B3 | CR7 | ID | OFLO | S | OE18 | |
| | 1SA | 1E18 | OTF | CR7 | 06 | T19 | 01 | TRC | B5 | CR7 | |
| | 1SA | B4 | B2 | B1 | CR7 | OE18 | 1SA | 1E18 | OTF | CR7 | |
| | . | 06 | OFLO- | . | 01 | TRC | B6- | . | . | . | |
| 018 | CR7 or test, zero side. Logic for zero side CR7 is on boards 230, 231. | | | | | | | | | | |
| | OSA | B5 | CR7 | OE18 | OSA | 1E18 | OTF | CR7 | . | 01 | . |
| | 1SA | TX | B6 | IP | OE18 | OSA | 1E18 | OTF | CR7 | . | 01 |
| | OSA | B6 | CR7 | D | E | K | 06 | 05 | 04 | 03 | 01 |
| | 02 | OE18 | OSA | 1E18 | OTF | CR7 | . | 02 | . | . | |
| | 1SA | TX | B4 | B3 | OE18 | OSA | 1E18 | OTF | CR7 | . | 02 |
| | OSA | TX | B4 | B3 | CR7 | IP | OE18 | OSA | 1E18 | OTF | |
| | CR7 | . | 03 | . | . | . | . | . | . | . | |
| | 1SA | B5 | D | E | K | 06 | 05 | 04 | 03 | 02 | |
| | OE18 | OSA | 1E18 | OTF | CR7 | . | 03 | . | . | . | |
| 019 | CR7 and test, zero side. | | | | | | | | | | |
| | 1SA | TX | B6 | B4 | B3 | OE18 | OSA | 1E18 | 1TF | CR7 | |
| | . | 01 | IP- | . | 02 | TOP | B6 | 03 | TXA | TX | |
| | 1SA | TX | B5 | D | E | IP | K | 06 | 05 | 04 | |
| | 03 | 02 | OE18 | OSA | 1E18 | 1TF | CR7 | . | 01 | TRC | 03 |
| | TXA | TX | . | . | . | . | . | . | . | . | |
| | 1SA | TX | B4 | B3 | D | IP | OE18 | OSA | 1E18 | 1TF | |
| | CR7 | . | 02 | KD3 | . | 01 | TRC | B6- | 03 | TXA | TX |

| | | | | | | | | | | |
|-----|---|------|-----|------|------|------|------|------|------|------|
| | 1SA | | B4 | B3 | E | IP | 06 | 05 | 04 | 03 |
| | 02 | TX | OSA | 1E18 | 1TF | CR7 | . | 02 | 0Y | 01 |
| | B6- | . | 03 | TXA | TX | . | . | . | . | . |
| | 1SA | TX | B4 | IP | OE18 | OSA | 1E18 | 1TF | CR7 | 02 |
| | B3 | . | 01 | TRC | B6- | 03 | TXA | TX | . | . |
| | 1SA | TX | B5 | B3 | OE18 | OSA | 1E18 | 1TF | CR7 | 02 |
| | TOP | . | 03 | TXA | TX | . | . | . | . | . |
| 020 | 1SA | TX | B5 | D | E | K | 06 | 05 | 04 | 03 |
| | 02 | OE18 | OSA | 1E18 | 1TF | CR7 | . | 03 | TXA | . |
| 021 | CR6 or test, one side. Logic for one side CR6 is on boards 208, 226, 227, 228, 330. | | | | | | | | | |
| | OSA | TO | B4 | CR7 | MC | 03 | OE18 | 1SA | 1E18 | 1TF |
| | CR6 | . | 01 | . | . | . | . | . | . | . |
| | 1SA | AP | B6 | CR6 | C6 | E | G | K | LP | OB6 |
| | OB5 | OB4 | OB3 | OB2 | 05 | TS0 | OE18 | 1SA | 1E18 | 1TF |
| | CR6 | . | 01 | . | . | . | . | . | . | . |
| | OSA | B6 | D | E | G | LP | MC | OE18 | 1SA | 1E18 |
| | 1TF | CR6 | . | . | . | . | . | . | . | . |
| | 1SA | TO | B4 | CR7 | CR6 | C6 | K | OB6 | OB5 | OB4 |
| | OB3 | OB2 | TS0 | OE18 | 1SA | 1E18 | 1TF | CR6 | 02 | . |
| | OSA | TO | B6 | B4 | G | K | LP | MC | OB6 | OB5 |
| | OB4 | OB3 | OB2 | 03 | TS0 | OE18 | 1SA | 1E18 | 1TF | CR6 |
| | . | . | . | . | . | . | . | . | . | . |
| | 1SA | AC | AP | CR7 | CR6 | E | 05 | OE18 | 1SA | 1E18 |
| | 1TF | CR6 | . | 03 | . | . | . | . | . | . |
| | OSA | TO | AC | B6 | B4 | G | K | LP | OB6 | OB5 |
| | OB4 | OB3 | OB2 | 03 | TS0 | OE18 | 1SA | 1E18 | 1TF | CR6 |
| | . | . | . | . | . | . | . | . | . | . |
| | . | 04 | . | . | . | . | . | . | . | . |
| 022 | 1SA | AP | CR7 | CR6 | C6 | E | MC | 06 | 05 | OE18 |
| | 1SA | 1E18 | 1TF | CR6 | . | 04 | . | . | . | . |
| | OSA | AP | B6 | B4 | E | G | K | MC | OB6 | OB5 |
| | OB4 | OB3 | OB2 | 05 | TS0 | OE18 | 1SA | 1E18 | 1TF | CR6 |
| | . | . | . | . | . | . | . | . | . | . |
| | 1SA | CR7 | CR6 | D | LP | 06 | 03 | OE18 | 1SA | 1E18 |
| | 1TF | CR6 | . | 05 | . | . | . | . | . | . |
| | OSA | TO | AC | B6 | B4 | C6 | G | K | LC | MC |
| | OB6 | OB5 | OB4 | OB3 | OB2 | TS0 | 06 | OE18 | 1SA | 1E18 |
| | 1TF | CR6 | . | 06 | . | . | . | . | . | . |
| | 1SA | CR7 | CR6 | E | LP | OE18 | 1SA | 1E18 | 1TF | CR6 |
| | . | . | . | . | . | . | . | . | . | . |
| | OSA | TO | AC | B6 | B4 | G | K | LP | MC | OB6 |
| | OB5 | OB4 | OB3 | OB2 | 06 | TS0 | OE18 | 1SA | 1E18 | 1TF |
| | CR6 | . | . | . | . | . | . | . | . | . |
| | 1SA | CR7 | CR6 | E | LC | OE18 | 1SA | 1E18 | 1TF | CR6 |
| | . | . | . | . | . | . | . | . | . | . |
| | . | 07 | . | . | . | . | . | . | . | . |
| | . | . | . | . | . | . | . | . | . | . |

Tape stops Marker number

| | | | | | | | | | | |
|-----|-------------------------|--------|--------|---------|---------|--------|--------|--------|--------|-------|
| 023 | CR6 and test, one side. | | | | | | | | | |
| | 1SA | AP | B6 | CR6 | C6 | E | K | LP | OB6 | OB5 |
| | OB4 | OB3 | OB2 | 05 | TSO | OE18 | 1SA | 1E18 | OTF | CR6 |
| | . | 01 G- | . | . | . | . | . | . | . | . |
| | 1SA | PA | B6 | CR7 | CR6 | C6 | E | G | K | LP |
| | OB6 | OB5 | OB4 | OB3 | OB2 | 05 | TSO | OE18 | 1SA | 1E18 |
| | OTF | CR6 | . | 01 CR7 | . | . | . | . | . | . |
| | 1SA | AP | CR6 | C6 | E | G | K | LP | OB6 | OB5 |
| | OB4 | OB3 | OB2 | 05 | TSO | OE18 | 1SA | 1E18 | OTF | CR6 |
| | . | 01 TRA | B6- | . | . | . | . | . | . | . |
| | 1SA | B6 | B4 | CR6 | E | G | LP | OE18 | 1SA | 1E18 |
| | OTF | CR6 | . | 01 TRA | B4 | . | . | . | . | . |
| | 1SA | TO | B4 | CR7 | CR6 | C6 | K | LP | OB6 | OB5 |
| | OB4 | OB3 | OB2 | TSO | OE18 | 1SA | 1E18 | OTF | CR6 | . |
| | LP | . | . | . | . | . | . | . | . | 02 |
| | 1SA | TO | AP | B4 | CR7 | CR6 | C6 | E | K | OB6 |
| | OB5 | OB4 | OB3 | OB2 | 05 | TSO | OE18 | 1SA | 1E18 | OTF |
| | CR6 | . | 02 EDT | ED3 | . | . | . | . | . | . |
| 024 | 1SA | B4 | CR7 | CR6 | C6 | K | OB6 | OB5 | OB4 | OB3 |
| | OB2 | TSO | OE18 | 1SA | 1E18 | OTF | CR6 | . | 02 EDT | TO- |
| | 1SA | AC | AP | CR7 | CR6 | E | LP | MC | 05 | OE18 |
| | 1SA | 1E18 | OTF | CR6 | . | 03 LP | . | 04 LP | . | 06 AC |
| | 1SA | AP | CR7 | CR6 | C6 | E | LC | 06 | 05 | OE18 |
| | 1SA | 1E18 | OTF | CR6 | . | 03 AC- | . | 04 MC- | . | 07 06 |
| | 1SA | AC | AP | CR7 | CR6 | D | LP | 06 | 03 | OE18 |
| | 1SA | 1E18 | OTF | CR6 | . | 05 AP | . | 03 LP | . | . |
| | 1SA | AC | CR7 | CR6 | C6 | E | LP | 05 | OE18 | 1SA |
| | 1E18 | OTF | CR6 | . | 05 OMDL | . | 03 LP | . | . | . |
| | 1SA | CR7 | CR6 | C6 | E | LP | OE18 | 1SA | 1E18 | OTF |
| | CR6 | . | 06 C6 | CR6 | . | . | . | . | . | . |
| | 1SA | AP | CR7 | CR6 | E | LP | 06 | 05 | OE18 | 1SA |
| | 1E18 | OTF | CR6 | . | 06 06 | . | . | . | . | . |
| 025 | No test for 07 AC. | | | | | | | | | |
| | 1SA | CR7 | CR6 | E | LC | LP | OE18 | 1SA | 1E18 | OTF |
| | . | 06 LC | . | 07 LP | . | . | . | . | . | . |
| | 1SA | CR7 | CR6 | C6 | E | OE18 | 1SA | 1E18 | OTF | CR6 |
| | . | 07 LC- | . | 03 AC- | . | 04 MC- | . | 06 C6 | . | . |
| | 1SA | CR7 | CR6 | E | LC | OB6 | OB5 | OB4 | OB3 | OB2 |
| | OE18 | 1SA | 1E18 | OTF | CR6 | . | 07 OYB | . | . | . |
| | 1SA | B4 | CR7 | CR6 | E | LC | TSO | OE18 | 1SA | 1E18 |
| | OTF | CR6 | . | 07 KT32 | . | . | . | . | . | . |

026 CR6 or test, zero side. Logic for zero side CR6 is on boards 226, 227.

| | | | | | | | | | | |
|-----|-------|-----|-----|------|------|------|------|------|------|----|
| OSA | T0 | B4 | CR6 | LP | OE18 | OSA | 1E18 | OTF | CR6 | |
| 1SA | 01 B6 | CR7 | D | E | G | OE18 | OSA | 1E18 | OTF | |
| CR6 | | 01 | | | | | | | | |
| OSA | B6 | CR7 | CR6 | D | E | G | OE18 | OSA | 1E18 | |
| OTF | CR6 | | 02 | | | | | | | |
| 1SA | T0 | B4 | LP | OE18 | OSA | 1E18 | OTF | CR6 | | 02 |

027 CR6 and test, zero side.

| | | | | | | | | | | |
|------|--------|--------|------|-----|------|------|------|------|--------|----|
| 1SA | B6 | CR7 | D | E | OE18 | OSA | 1E18 | 1TF | CR6 | |
| | 01 G- | | | | | | | | | |
| 1SA | B6 | D | E | G | OE18 | OSA | 1E18 | 1TF | | 01 |
| CR7- | | | | | | | | | | |
| 1SA | B4 | CR7 | D | E | G | OE18 | OSA | 1E18 | 1TF | |
| CR6 | | 01 TRA | | | | | | | | |
| 1SA | T0 | B4 | OE18 | OSA | 1E18 | 1TF | CR6 | | 02 LP- | |
| 1SA | B4 | D | E | LP | OE18 | OSA | 1E18 | 1TF | CR6 | |
| | 02 EDT | | | | | | | | | |

028 CR5 or test, one side. Logic for one side CR5 is on board 233.

| | | | | | | | | | | |
|-----|----|-----|----|------|-----|------|-----|------|-----|----|
| OSA | B4 | CR6 | 06 | OE18 | 1SA | 1E18 | 1TF | CR5 | | 01 |
| 1SA | B6 | CR5 | D | E | G | OE18 | 1SA | 1E18 | 1TF | |
| CR5 | | 01 | | | | | | | | |
| OSA | B6 | CR6 | D | E | G | OE18 | 1SA | 1E18 | 1TF | |
| CR5 | | 02 | | | | | | | | |
| 1SA | B4 | CR5 | 06 | OE18 | 1SA | 1E18 | 1TF | CR5 | | 02 |

029 CR5 and test, one side.

| | | | | | | | | | | |
|-----|-------|--------|------|--------|------|------|------|------|--------|--|
| 1SA | B6 | CR6 | CR5 | G | 06 | OE18 | 1SA | 1E18 | OTF | |
| CR5 | | 01 CR6 | | 02 CR6 | | | | | | |
| 1SA | B4 | CR5 | D | E | G | OE18 | 1SA | 1E18 | OTF | |
| CR5 | | 01 TRA | | | | | | | | |
| 1SA | B6 | CR5 | D | E | OE18 | 1SA | 1E18 | OTF | CR5 | |
| | 01 G- | | | | | | | | | |
| 1SA | B4 | CR5 | D | E | 06 | OE18 | 1SA | 1E18 | OTF | |
| CR5 | | 02 ED3 | | | | | | | | |
| 1SA | B4 | CR5 | OE18 | 1SA | 1E18 | OTF | CR5 | | 02 06- | |

030 CR5 or test, zero side. Logic for zero side CR5 is on board 233.

| | | | | | | | | | | |
|-----|----|-----|----|------|-----|------|-----|------|-----|----|
| OSA | B4 | CR5 | 06 | OE18 | OSA | 1E18 | OTF | CR5 | | 01 |
| 1SA | B6 | CR6 | D | E | G | OE18 | OSA | 1E18 | OTF | |
| CR5 | | 01 | | | | | | | | |
| OSA | B6 | CR5 | D | E | G | OE18 | OSA | 1E18 | OTF | |
| CR5 | | 02 | | | | | | | | |
| 1SA | B4 | CR6 | 06 | OE18 | OSA | 1E18 | OTF | CR5 | | 02 |

Tape stops

Marker number

| | | | | | | | | | | | |
|-----|--|------|------|------|------|------|------|------|------|------|-----|
| 031 | CR5 and test, zero side. | | | | | | | | | | |
| | 1SA | B6 | G | 06 | OE18 | OSA | 1E18 | 1TF | CR5 | . | 01 |
| | CR6- | . | 02 | CR6- | . | . | . | . | . | . | . |
| | 1SA | B4 | CR6 | D | E | G | OE18 | OSA | 1E18 | 1TF | . |
| | CR5 | . | 01 | TRA | . | . | . | . | . | . | . |
| | 1SA | B6 | CR6 | D | E | OE18 | OSA | 1E18 | 1TF | CR5 | . |
| | . | 01 | G- | . | . | . | . | . | . | . | . |
| | 1SA | B4 | CR6 | D | E | 06 | OE18 | OSA | 1E18 | 1TF | . |
| | CR5 | . | 02 | ED3 | . | . | . | . | . | . | . |
| | 1SA | B4 | CR6 | OE18 | OSA | 1E18 | 1TF | SR5 | . | 02 | 06- |
| 032 | CR4 or test, one side. Logic for one side CR4 is on boards 216, 217, 218, 324, 315, 409. | | | | | | | | | | |
| | OSA | TO | B4 | CR5 | OE18 | 1SA | 1E18 | 1TF | CR5 | . | 01 |
| | 1SA | B6 | CR4 | E | G | K | OB6 | OB5 | OB4 | OB3 | . |
| | OB2 | 05 | 04 | 02 | TSO | AO | OE18 | 1SA | 1E18 | 1TF | . |
| | CR4 | . | 01 | . | . | . | . | . | . | . | . |
| | OSA | B6 | E | G | K | NC | 05 | 04 | AO | OE18 | . |
| | 1SA | 1E18 | 1TF | CR4 | . | 02 | . | . | . | . | . |
| | 1SA | B4 | CR5 | CR4 | OB6 | OB5 | OB4 | OB3 | OB2 | 06 | . |
| | 03 | TSO | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 02 | . | . |
| | OSA | TX | AP | B6 | B2 | D | E | G | K | 05 | . |
| | 04 | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 03 | . | . | . |
| | 1SA | B4 | CR5 | CR4 | NC | OB6 | OB5 | OB4 | OB3 | 03 | 03 |
| | 06 | 03 | TSO | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 03 | . |
| | OSA | AP | B6 | D | E | G | K | 06 | 05 | 04 | . |
| | 03 | 02 | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 04 | . | . |
| 033 | 1SA | TO | B4 | CR5 | CR4 | OB6 | OB5 | OB4 | OB3 | OB2 | . |
| | TSO | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 04 | . | . | . |
| | OSA | AP | B6 | B2 | C4 | D | E | G | K | MN | . |
| | 05 | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 05 | . | . | . |
| | 1SA | TO | TX | B4 | CR5 | CR4 | NC | OB6 | OB5 | OB4 | . |
| | OB3 | 05 | 06 | 03 | TSO | OE18 | 1SA | 1E18 | 1TF | CR4 | . |
| | . | . | . | . | . | . | . | . | . | . | . |
| | OSA | B6 | B2 | D | E | G | K | MN | 05 | OE18 | . |
| | 1SA | 1E18 | 1TF | CR4 | . | 06 | . | . | . | . | . |
| | 1SA | TO | TX | AP | B4 | CR5 | CR4 | C4 | NC | 06 | . |
| | 03 | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 06 | . | . | . |
| | OSA | AP | B6 | B2 | D | E | G | K | 05 | OE18 | . |
| | 1SA | 1E18 | 1TF | CR4 | . | 07 | . | . | . | . | . |
| | 1SA | TO | TX | AO | CR4 | C4 | MN | NC | 06 | 03 | . |
| | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 07 | . | . | . | . |
| 034 | OSA | B6 | B2 | C4 | D | E | G | K | 05 | OE18 | . |
| | 1SA | 1E18 | 1TF | CR4 | . | 08 | TOS- | TX- | . | . | . |
| | 1SA | TO | TX | AP | B4 | CR5 | CR4 | MN | NC | 06 | . |

| | | | | | | | | | | | | |
|-----|-------------------------|------|-----|------|------|------|------|------|------|------|------|------|
| | 03 | OE18 | 1SA | 1E18 | 1TF | CR4 | . | 08 | TOS- | TX- | . | |
| | OSA | B6 | C4 | D | E | G | K | | 05 | TX | OE18 | |
| | 1SA | 1E18 | 1TF | CR4 | . | 08 | TOS- | B2- | . | . | 06 | |
| | 1SA | TO | AP | B4 | B2 | CR5 | CR4 | . | 08 | MN | NC | . |
| | 03 | OE18 | 1SA | 1E18 | 1TF | CR4 | . | | | B2- | . | |
| 035 | OSA | TO | AP | B6 | B4 | G | K | | | MC | OB6 | OB5 |
| | OB4 | OB3 | OB2 | TSO | OE18 | 1SA | 1E18 | | | 1TF | CR4 | 09 |
| | 1SA | AC | CR5 | CR4 | E | 05 | 04 | | | 02 | AO | OE18 |
| | 1SA | 1E18 | 1TF | CR4 | . | 09 | . | | | . | . | . |
| | OSA | TO | AC | AP | B6 | B4 | G | | | K | OB6 | OB5 |
| | OB4 | OB3 | OB2 | TSO | OE18 | 1SA | 1E18 | | | 1TF | CR4 | 10 |
| 036 | 1SA | CR5 | CR4 | E | MC | 05 | 04 | | | 02 | AO | OE18 |
| | 1SA | 1E18 | 1TF | CR4 | . | 10 | . | | | . | . | . |
| | OSA | AC | B6 | B4 | C4 | G | K | | | MC | OB6 | OB5 |
| | OB4 | OB3 | OB2 | TSO | OE18 | 1SA | 1E18 | | | 1TF | CR4 | 11 |
| | 1SA | CR5 | CR4 | D | E | 05 | 04 | | | AO | OE18 | 1SA |
| | 1E18 | 1TF | CR4 | . | 11 | . | . | | | . | . | . |
| 037 | CR4 and test, one side. | | | | | | | | | | | |
| | 1SA | B6 | CR4 | E | K | OB6 | OB5 | | | OB4 | OB3 | OB2 |
| | 05 | 04 | 02 | TSO | AO | OE18 | 1SA | | | 1E18 | OTF | CR4 |
| | . | 01 | G- | . | . | . | . | | | . | . | . |
| | 1SA | B6 | CR5 | CR4 | E | G | K | | | OB6 | OB5 | OB4 |
| | OB3 | OB2 | 05 | 04 | 02 | TSO | AO | | | OE18 | 1SA | 1E18 |
| | OTF | CR4 | . | 01 | CR5 | . | . | | | . | . | . |
| | 1SA | B4 | CR4 | E | G | K | OB6 | | | OB5 | OB4 | OB3 |
| | OB2 | 05 | 04 | 02 | TSO | AO | OE18 | | | 1SA | 1E18 | OTF |
| | CR4 | . | 01 | TRA | . | . | . | | | . | . | . |
| | 1SA | B4 | CR5 | CR4 | OB6 | OB5 | OB4 | | | OB3 | OB2 | 06 |
| | 03 | TSO | AO | OE18 | 1SA | 1E18 | CR4 | | | 02 | AO | 03 |
| | NC- | . | . | . | . | . | . | | | . | . | . |
| | 1SA | B4 | CR5 | CR4 | E | K | OB6 | | | OB5 | OB4 | OB3 |
| | OB2 | 05 | 04 | 02 | TSO | OE18 | 1SA | | | 1E18 | OTF | CR4 |
| | . | 02 | OD | . | . | . | . | | | . | . | . |
| | 1SA | TX | B4 | CR5 | CR4 | NC | OB6 | | | OB5 | OB4 | OB3 |
| | OB2 | 06 | 03 | TSO | OE18 | 1SA | 1E18 | | | OTF | CR4 | 02 |
| | NC | . | 03 | TXS | TX | . | 05 | TOS- | | TO- | . | . |

| Tape stops | Marker number | | | | | | | | | | | | | |
|------------|---------------|---|--|---|--|--|--|---|--|---|--|--|-------------------------------|--------------------------------------|
| | 038 | 1SA OE18 . . 1SA OB3 CR4 1SA OB2 TXS 1SA CR4 1SA OB2 CR4 | TO 1SA TOS- B4 OB2 . . B4 OB2 B2 TO . . TO OB5 . . OB3 06 NC | AP 1E18 TX- CR5 05 ODO B2 03 AP AP B4 04 04 OY | B4 OTF CR4 04 CR5 TSO NC B4 CR5 CR4 02 TSO . | CR5 CR4 TOS- E 02 . | CR4 . . B2- K TSO . | 03 AP . . NC OE18 1SA TOS- CR4 . | C4 AP . . OB6 OE18 TO- OE18 OB6 OE18 . | NC . . OB6 1SA . | 02 NC . . OB5 1E18 . | 06 NC . . OB5 1E18 . | 03 . . OB4 OTF . | 03 OB3 . . OTF . |
| | 039 | 1SA OE18 1SA OB4 CR4 . . 1SA OB4 CR4 . . 1SA NC . . | B4 1SA TO OB3 . . AP- TO OB3 . . MNA- TO 06 NC | CR5 1E18 TX OB2 MNA . . TX OB2 C4 MN- TX 03 . . | CR4 OTF B4 06 . . B4 06 . . AP OE18 AP | D CR4 CR5 03 NC . . CR5 03 NC . . B4 1SA . . | OB5 . . CR4 TSO . . CR4 TSO . . B2 1E18 C4 | 04 EDT MN OE18 TXS . . C4 OE18 TXS . . CR5 OTF C4 | OB4 EDT MN OE18 TXS . . C4 OE18 TX . . CR4 CR4 . . | OB3 . . NC 1SA TX . . NC 1SA TX . . CR4 CR4 . . | OB2 . . OB6 1E18 . . OB6 1E18 . . C4 . . C4 . . | 07 C4- . . 06 AP- . . 06 MN MNA . . | TSO . . OB5 OTF . | 06 NC . . MN OE18 . . |
| | 040 | 1SA 03 . . 1SA OB6 1SA | TO OE18 AP TO OB5 1E18 | TX 1SA . . TX OB4 OTF | AP 1E18 C4- AP OB3 CR4 | B4 OTF . . B4 OB2 . . | B2 CR4 . . CR5 05 OMDM | CR5 . . CR4 04 . . | 08 MNA- . . E TSO . . | NC . . K AO . . | 02 NC . . MN OE18 . . | | | |
| | 042 | 1SA OE18 1SA OE18 C4 1SA OE18 1SA OE18 | AC 1SA CR5 1SA . . AC 1SA AP 1SA | AP 1E18 CR4 1E18 . . AP 1E18 CR5 1E18 | CR5 OTF C4 OTF . . CR5 OTF CR4 OTF | CR4 CR4 D CR4 . . CR4 CR4 D CR4 | E . . E . . D . . E . . | 09 AP 05 AC- . . E 05 AC MC 11 MC | MC 05 04 . . 05 . . 05 04 . . | 10 AP 02 MC- . . 04 AP 04 AP | 04 AP 02 MC- . . 04 AP 04 AP | AO . . AO . . AO . . AO . . | 11 | |

| | | | | | | | | | | |
|-----|--|------|------|------|-------|------|---------|------|--------|--------|
| 043 | 1SA | CR5 | CR4 | E | 05 | 04 | 02 | A0 | OE18 | 1SA |
| | 1E18 | OTF | CR4 | . | 11 D- | 09 | AC- | . | 10 MC- | . |
| | 1SA | CR5 | CR4 | D | E | OB6 | OB5 | OB4 | OB3 | OB2 |
| | 05 | 04 | A0 | OE18 | 1SA | 1E18 | OTF | CR4 | . | 11 OYB |
| | 1SA | B4 | CR5 | CR4 | D | E | 05 | 04 | TS0 | A0 |
| | OE18 | 1SA | 1E18 | OTF | CR4 | . | 11 KT32 | . | . | . |
| 044 | CR4 or test, zero side. Logic for zero side CR4 is on boards 215, 216, 217, 324, 315, 409. | | | | | | | | | |
| | OSA | B4 | CR4 | A0 | OE18 | OSA | 1E18 | OTF | CR4 | . |
| | 1SA | B6 | CR5 | D | E | G | K | 05 | 02 | OE18 |
| | OSA | 1E18 | OTF | CR4 | . | 01 | . | . | . | . |
| | OSA | TO | B6 | CR5 | CR4 | E | G | K | 05 | OE18 |
| | OSA | 1E18 | OTF | CR4 | . | 02 | . | . | . | . |
| | 1SA | B4 | D | 06 | 04 | 03 | OE18 | OSA | 1E18 | OTF |
| | CR4 | . | 02 | . | . | . | . | . | . | . |
| | OSA | B6 | CR5 | CR4 | E | G | K | NC | 05 | 04 |
| | OE18 | OSA | 1E18 | OTF | CR4 | . | 03 | . | . | . |
| | 1SA | B4 | 06 | 03 | A0 | OE18 | OSA | 1E18 | OTF | CR4 |
| | . | 03 | . | . | . | . | . | . | . | . |
| | OSA | TX | B6 | B2 | CR5 | CR4 | D | E | G | K |
| | 05 | OE18 | OSA | 1E18 | OTF | CR4 | . | 04 | . | . |
| | 1SA | TO | AP | B4 | NC | 06 | 03 | OE18 | OSA | 1E18 |
| | OTF | CR4 | . | 04 | . | . | . | . | . | . |
| 045 | OSA | AP | B6 | B2 | CR5 | CR4 | C4 | D | E | G |
| | K | 05 | OE18 | OSA | 1E18 | OTF | CR4 | . | 05 | . |
| | 1SA | TO | TX | B4 | MN | NC | 06 | 03 | OE18 | OSA |
| | 1E18 | OTF | CR4 | . | 05 | . | . | . | . | . |
| | OSA | B6 | B2 | CR5 | CR4 | C4 | D | E | G | K |
| | MN | 05 | OE18 | OSA | 1E18 | OTF | CR4 | . | 06 | . |
| | 1SA | TO | TX | AP | B4 | NC | 06 | 03 | OE18 | OSA |
| | 1E18 | OTF | CR4 | . | 06 | . | . | . | . | . |
| | OSA | AP | B6 | B2 | CR5 | CR4 | D | E | G | K |
| | MN | 05 | OE18 | OSA | 1E18 | OTF | CR4 | . | 07 | . |
| | 1SA | TO | TX | B4 | C4 | NC | 06 | 03 | OE18 | OSA |
| | 1E18 | OTF | CR4 | . | 07 | . | . | . | . | . |
| | OSA | B6 | B2 | CR5 | CR4 | D | E | G | K | 05 |
| | OE18 | OSA | 1E18 | OTF | CR4 | . | 08 TOS- | TX- | . | . |
| 046 | 1SA | TO | TX | AP | B4 | C4 | MN | NC | 06 | 03 |
| | OE18 | OSA | 1E18 | OTF | CR4 | . | 08 TOS- | TX- | . | . |
| 047 | OSA | TX | B6 | CR5 | CR4 | D | E | G | K | 05 |
| | OE18 | OSA | 1E18 | OTF | CR4 | . | 08 TOS- | B2- | . | . |
| | 1SA | TO | AP | B4 | B2 | C4 | MN | NC | 06 | 03 |
| | OE18 | OSA | 1E18 | OTF | CR4 | . | 08 TOS- | B2- | . | . |
| | OSA | B6 | CR5 | CR4 | D | E | G | K | 06 | 05 |
| | 04 | 03 | 02 | OE18 | OSA | 1E18 | OTF | CR4 | . | 09 |
| | 1SA | TO | AP | B4 | OE18 | OSA | 1E18 | OTF | CR4 | . |

| Tape stops | Marker number | | | | | | | | | | | |
|------------|---------------|--------------------------|-------|---------|---------|---------|--------|---------|---------|-----|-----|---|
| | 048 | CR4 and test, zero side. | | | | | | | | | | |
| | | 1SA B6 CR5 | D | E | K | 05 | 02 | 0E18 | OSA | | | |
| | | 1E18 1TF CR4 | . | 01 G- | . | . | . | . | . | . | . | . |
| | | 1SA B6 D | E | G | K | 05 | 02 | 0E18 | OSA | | | |
| | | 1E18 1TF CR4 | . | 01 CR5- | . | . | . | . | . | . | . | . |
| | | 1SA B4 CR5 | D | E | G | K | 05 | 02 | 0E18 | OSA | | |
| | | OSA 1E18 1TF | CR4 | . | 01 TRA | . | . | . | . | . | . | . |
| | | 1SA B4 D | E | K | 05 | 0E18 | OSA | 1E18 | 1TF | | | |
| | | CR4 . 02 OM | . | . | . | . | . | . | . | . | . | . |
| | | 1SA TO B4 | D | 06 | 04 | 03 | A0 | 0EL8 | OSA | | | |
| | | 1E18 1TF CR4 | . | 02 TOA | . | 03 OD | 04- | . | . | . | . | . |
| | | 1SA AP B4 | 06 | 03 | 0E18 | 04 | OSA | 1E18 | 1TF | CR4 | | |
| | | . 03 AO- | 02 OM | 04- | . | 04 OMDM | NC- | . | . | . | . | . |
| | | 1SA B4 D | E | K | 05 | 02 | A0 | 0E18 | OSA | | | |
| | | 1E18 1TF CR4 | . | 03 OD | . | . | . | . | . | . | . | . |
| | 049 | 1SA AP B4 | D | NC | 06 | 03 | A0 | 0E18 | OSA | | | |
| | | 1E18 1TF CR4 | . | 03 NC | . | 02 OM | 04- | . | 04 OMDM | | | |
| | | ED3 D | . | . | . | . | . | . | . | . | . | . |
| | | 1SA TO B4 | MN | NC | 06 | 04 | 03 | 0E18 | OSA | | | |
| | | 1E18 1TF CR4 | . | 04 AP- | . | 05 TOS- | TX- | . | 05 TOX- | | | |
| | | B2- | . | . | . | . | . | . | . | . | . | . |
| | | 1SA AP B4 | D | E | K | 05 | 02 | 0E18 | OSA | | | |
| | | 1E18 1TF CR4 | . | 04 OMDM | . | . | . | . | . | . | . | . |
| | | 1SA TO TX | AP | B4 | B2 | C4 | NC | 06 | 04 | TOA | | |
| | | 03 0E18 | OSA | 1E18 | 1TF | CR4 | 04 | TXS | . | 02 | TOA | |
| | | TO . 06 C4 | . | 07 AP | . | 08 MNA- | . | . | . | . | . | . |
| | | 1SA TO TX | B4 | B2 | NC | 06 | 04 | 03 | 0E18 | | | |
| | | OSA 1E18 1TF | CR4 | . | 05 MNA- | . | 02 TOA | . | 06 AP- | | | |
| | | . 07 C4- | . | . | . | . | . | . | . | . | . | . |
| | 050 | 1SA TO TX | AP | B4 | MN | NC | 06 | 04 | 03 | | | |
| | | 0E18 OSA 1E18 | 1TF | CR4 | . | 05 AP | . | 02 TOA | TO | | | |
| | | . 04 TXS | . | 06 MNA | . | 08 C4- | . | . | . | | | |
| | | 1SA TO TX | B4 | B2 | C4 | MN | NC | 06 | 04 | | | |
| | | 03 0E18 | OSA | 1E18 | 1TF | CR4 | 05 | C4 | 02 | TOA | | |
| | | TO . 07 MNA | . | 08 AP- | . | . | . | . | . | . | . | . |
| | 051 | 1SA TX AP | B4 | C4 | MN | NC | 06 | 03 | A0 | | | |
| | | 0E18 OSA 1E18 | 1TF | CR4 | . | 08 TOS- | TO- | . | . | | | |
| | | 1SA TO TX | AP | B4 | C4 | D | E | K | MN | | | |
| | | 05 02 0E18 | OSA | 1E18 | 1TF | CR4 | . | 08 OMDM | . | | | |
| | 052 | 1SA AP B4 | B2 | C4 | MN | NC | 06 | 03 | A0 | | | |
| | | 0E18 OSA 1E18 | 1TF | CR4 | . | 08 TOS- | TO- | . | . | | | |

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|-----|--|-----|------|------|------|------|------|------|-----|------|------|----|
| 053 | 1SA | TO | B4 | OE18 | OSA | 1E18 | 1TF | CR4 | . | 09 | AP- | |
| | 1SA | TO | AP | B4 | K | 05 | 02 | OE18 | OSA | | 1E18 | |
| | 1TF | CR4 | . | 09 | OY | . | . | . | . | . | . | 09 |
| | 1SA | AP | B4 | D | OE18 | OSA | 1E18 | 1TF | CR4 | . | . | |
| | EDT | . | . | . | . | . | . | . | . | . | . | |
| 054 | CR3 or test, one side. Logic for one side CR3 is on board 206. | | | | | | | | | | | |
| | OSA | B4 | CR4 | OE18 | 1SA | 1E18 | 1TF | CR3 | . | 01 | . | 01 |
| | 1SA | B6 | CR3 | G | OE18 | 1SA | 1E18 | 1TF | CR3 | . | . | |
| | OSA | CR4 | G | OE18 | 1SA | 1E18 | 1TF | CR3 | . | 02 | . | |
| | 1SA | CR3 | 06 | OE18 | 1SA | 1E18 | 1TF | CR3 | . | 02 | . | |
| 055 | CR3 and test, one side. | | | | | | | | | | | |
| | 1SA | B6 | CR4 | CR3 | G | OE18 | 1SA | 1E18 | OTF | CR3 | . | |
| | . | 01 | CR4 | . | . | . | . | . | . | . | . | |
| | 1SA | B4 | CR3 | G | 06 | OE18 | 1SA | 1E18 | OTF | CR3 | . | |
| | . | 01 | TRA | 02 | G | . | . | . | . | . | . | |
| | 1SA | B6 | CR3 | OE18 | 1SA | 1E18 | OTF | CR3 | . | 01 | G- | |
| | . | 02 | 06- | . | . | . | . | . | . | . | . | |
| | 1SA | CR4 | CR3 | 06 | OE18 | 1SA | 1E18 | OTF | CR3 | . | . | 02 |
| | CR4 | . | . | . | . | . | . | . | . | . | . | |
| 056 | CR3 or test, zero side. Logic for zero side CR3 is on board 206. | | | | | | | | | | | |
| | OSA | B4 | CR3 | OE18 | OSA | 1E18 | OTF | CR3 | . | 01 | . | |
| | 1SA | B6 | CR4 | G | OE18 | OSA | 1E18 | OTF | . | 01 | . | |
| | OSA | CR3 | G | OE18 | OSA | 1E18 | OTF | CR3 | . | 02 | . | |
| | 1SA | CR4 | 06 | OE18 | OSA | 1E18 | OTF | CR3 | . | 02 | . | |
| 057 | CR3 and test, zero side. | | | | | | | | | | | |
| | 1SA | B6 | G | OE18 | OSA | 1E18 | 1TF | CR3 | . | 01 | CR4- | |
| | 1SA | B4 | CR4 | G | 06 | OE18 | OSA | 1E18 | 1TF | . | CR3 | |
| | . | 01 | TRA | 02 | G | . | . | . | . | . | . | |
| | 1SA | B6 | CR4 | OE18 | OSA | 1E18 | 1TF | CR3 | . | 01 | G- | |
| | . | 02 | 06- | . | . | . | . | . | . | . | . | |
| | 1SA | 06 | OE18 | OSA | 1E18 | 1TF | CR3 | . | 02 | CR4- | . | |
| 058 | CR2 or test, one side. Logic for one side CR2 is on boards 327, 328. | | | | | | | | | | | |
| | OSA | B4 | CR3 | OE18 | 1SA | 1E18 | 1TF | CR2 | . | 01 | . | 01 |
| | 1SA | B6 | CR2 | G | OE18 | 1SA | 1E18 | 1TF | CR2 | . | . | |
| 059 | CR2 and test, one side. | | | | | | | | | | | |
| | 1SA | B6 | CR3 | CR2 | G | OE18 | 1SA | 1E18 | OTF | CR2 | . | |
| | . | 01 | CR3 | . | . | . | . | . | . | . | . | |
| | 1SA | B4 | CR2 | G | OE18 | 1SA | 1E18 | OTF | CR2 | . | . | 01 |
| | TRA | . | . | . | . | . | . | . | . | . | . | |
| | 1SA | B6 | CR2 | OE18 | 1SA | 1E18 | OTF | CR2 | . | 01 | G- | |

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|-----|------|------|------|------|------|------|------|------|------|------|----|
| | OSA | CR6 | C3 | D | E | K | 06 | 05 | 04 | 03 | |
| | 02 | OE18 | 1SA | 1E18 | 1TF | C6 | . | . | . | . | |
| | 1SA | TO | TX | C6 | OE18 | 1SA | 1E18 | 1TF | 06 | . | 03 |
| | OSA | C3 | E | K | LP | 06 | 05 | 04 | 03 | 02 | |
| | OE18 | 1SA | 1E18 | 1TF | C6 | . | . | . | . | . | |
| | 1SA | TO | TX | C6 | D | OE18 | 1SA | 1E18 | 1TF | C6 | |
| | . | . | . | . | . | . | . | . | . | . | |
| | OSA | E | K | 06 | 05 | 04 | 03 | 02 | LO | OE18 | |
| | 1SA | 1E18 | 1TF | C6 | . | . | . | . | . | . | |
| 067 | 1SA | TO | TX | C6 | C3 | D | TSO | OE18 | 1SA | 1E18 | |
| | 1TF | C6 | . | . | . | . | . | . | . | . | |
| | OSA | B6 | B4 | B2 | B1 | E | K | LP | 06 | 05 | |
| | 04 | 03 | 02 | TSO | OE18 | 1SA | 1E18 | 1TF | C6 | . | 06 |
| | 1SA | TO | TX | B3 | C6 | C3 | OE18 | 1SA | 1E18 | 1TF | |
| | C6 | . | . | . | . | . | . | . | . | . | |
| | OSA | B3 | D | E | K | LP | 06 | 05 | 04 | 03 | |
| | 02 | OE18 | 1SA | 1E18 | 1TF | C6 | . | 07 | . | . | |
| | 1SA | TO | TX | B6 | B4 | B2 | B1 | C6 | C3 | TSO | |
| | OE18 | 1SA | 1E18 | 1TF | C6 | . | . | . | . | . | |
| | 1SA | TO | TX | B6 | B4 | B2 | B1 | C6 | C3 | TSO | |
| | OE18 | 1SA | 1E18 | 1TF | C6 | . | . | . | . | . | |
| | OSA | B2 | C5 | E | K | 05 | 04 | TP | OE18 | 1SA | |
| | 1E18 | 1TF | C6 | . | . | . | . | . | . | . | |
| | 1SA | CR6 | CR4 | C6 | OB6 | 06 | 03 | OE18 | 1SA | 1E18 | |
| | 1TF | C6 | . | . | . | . | . | . | . | . | |
| 068 | OSA | B2 | CR4 | E | K | OB6 | 05 | 04 | TP | OE18 | |
| | 1SA | 1E18 | 1TF | C6 | . | . | . | . | . | . | |
| | 1SA | CR6 | C6 | C5 | 06 | 03 | OE18 | 1SA | 1E18 | 1TF | |
| | C6 | . | . | . | . | . | . | . | . | . | |
| | OSA | B2 | E | K | 05 | 04 | TP | OE18 | 1SA | 1E18 | |
| | 1TF | C6 | . | . | . | . | . | . | . | . | |
| | 1SA | CR6 | CR4 | C6 | C5 | OB4 | 06 | 03 | OE18 | 1SA | |
| | 1E18 | 1TF | C6 | . | . | . | . | . | . | . | |
| | OSA | B2 | CR4 | C5 | E | K | OB4 | 05 | 04 | TP | |
| | OE18 | 1SA | 1E18 | 1TF | C6 | . | . | . | . | . | |
| | 1SA | CR6 | C6 | 06 | 03 | OE18 | 1SA | 1E18 | 1TF | C6 | |
| | . | . | . | . | . | . | . | . | . | . | |

Tape stops **Marker number**

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|-----|------------------------|---------|--------|---------|---------|--------|---------|---------|------|---------|
| 069 | C6 and test, one side. | | | | | | | | | |
| | 1SA | B2 | CR6 | C6 | E | K | ND | 05 | TP | OE18 |
| | 1SA | 1E18 | OTF | C6 | . | 01 CR6 | . | . | . | . |
| | 1SA | B3 | C6 | E | K | LP | 05 | 02 | TP | LO |
| | OE18 | 1SA | 1E18 | OTF | C6 | . | 01 NDX- | . | . | . |
| | 1SA | B2 | CR4 | C6 | OB6 | 06 | 04 | 03 | OE18 | 1SA |
| | 1E18 | OTF | C6 | . | 02 CR5- | . | 01 NDX- | ND- | . | 08 OD |
| | 04 | . | . | . | . | . | . | . | . | . |
| | 1SA | B2 | CR6 | CR5 | CR4 | C6 | ND | 06 | 06 | 04 |
| | 03 | OE18 | 1SA | 1E18 | OTF | C6 | . | 02 NDX | ND | . |
| | CR6 | . | 08 OD | 04 | . | . | . | . | . | 01 |
| | 1SA | CR5 | CR4 | C6 | OB6 | 06 | 04 | 03 | OE18 | 1SA |
| | 1E18 | OTF | C6 | . | 02 NDX | TXF | . | 08 OD | 04 | . |
| | 1SA | B2 | CR5 | C6 | E | K | 05 | TP | OE18 | 1SA |
| | 1E18 | OTF | C6 | . | 02 OM | . | 01 NDX- | ND- | . | . |
| 070 | 1SA | TO | TX | B6 | B4 | B2 | B1 | CR6 | C6 | OE18 |
| | 1SA | 1E18 | OTF | C6 | . | 03 CR6 | . | 04 DA- | D- | . |
| | C3- | . | 07 C3- | . | . | . | . | . | . | 06 |
| | 1SA | TO | TX | B3 | C6 | C3 | LP | TS0 | OE18 | 1SA |
| | 1E18 | OTF | C6 | . | 03 C3 | . | 05 DA- | D- | . | . |
| | 1SA | TO | TX | B2 | C6 | D | LP | ND | TS0 | OE18 |
| | 1SA | 1E18 | OTF | C6 | . | 03 D | . | 01 NDX- | TXF | TX |
| | . | 04 LP | . | 05 CTS | C3- | . | . | . | . | . |
| | 1SA | TO | TX | B6 | B4 | B2 | B1 | C6 | C3 | D |
| | ND | TS0 | LO | OE18 | 1SA | 1E18 | OTF | C6 | . | 04 C3 |
| | . | 01 NDX- | TXF | TX | . | 05 LO | . | 06 TS0 | . | 07 D |
| | 1SA | TO | TX | B6 | B4 | B2 | B1 | CR6 | C6 | OE18 |
| | 1SA | 1E18 | OTF | C6 | . | 04 DA- | . | 03 CR6 | . | 06 C3- |
| | . | 07 C3- | . | . | . | . | . | . | . | . |
| 071 | 1SA | TO | TX | B2 | C6 | D | LP | NP | OE18 | 1SA |
| | 1E18 | OTF | C6 | . | 05 CTS | . | 01 NDX- | TXF | . | 03 D |
| | . | 04 LP | . | . | . | . | . | . | . | . |
| | 1SA | TO | TX | B3 | C6 | C3 | LP | TS0 | OE18 | 1SA |
| | 1E18 | OTF | C6 | . | 05 DA- | . | 03 C3 | . | . | . |
| | 1SA | TO | TX | B6 | B4 | B2 | B1 | C6 | C3 | LP |
| | ND | OE18 | 1SA | 1E18 | OTF | C6 | . | 06 LP | . | 01 NDX- |
| | TXF | TX | . | 03 C3 | . | 07 LP | . | . | . | . |
| | 1SA | TO | TX | B3 | C6 | C3 | TS0 | OE18 | 1SA | 1E18 |
| | OTF | C6 | . | 07 T1 | . | 03 C3 | . | 05 DA- | D- | . |
| | TS0 | . | . | . | . | . | . | . | . | 06 |
| | 1SA | TO | TX | B6 | B4 | B2 | B1 | C6 | C3 | E |
| | K | ND | 05 | 02 | TP | OE18 | 1SA | 1E18 | OTF | C6 |
| | . | 07 OY | . | 01 NDX- | TXF | TX | . | . | . | . |

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|-----|--|------|--------|---------|---------|---------|---------|--------|-------|-------|
| 072 | 1SA | B6 | B4 | B2 | B1 | CR6 | C6 | C3 | ND | OE18 |
| | 1SA | 1E18 | OTF | C6 | . | 07 TOX- | . | 01 CR6 | . | 1E18 |
| | 1SA | CR6 | C6 | 08 OB6 | OB5 | 06 | 03 | OE18 | 1SA | 1E18 |
| | OTF | C6 | . | 08 CR4- | . | 11 OB6 | OB4 | . | . | . |
| | 1SA | CR6 | CR4 | C6 | OB4 | 06 | 03 | OE18 | 1SA | 1E18 |
| | OTF | C6 | . | 08 OB6- | . | 10 C5 | . | . | . | . |
| | 1SA | CR6 | CR4 | C6 | C5 | OB6 | 06 | 03 | OE18 | 1SA |
| | 1E18 | OTF | C6 | . | 08 C5 | . | 10 OB4- | . | . | . |
| | 1SA | B3 | CR6 | CR4 | C6 | E | K | LP | OB6 | 05 |
| | 02 | LO | OE18 | 1SA | 1E18 | OTF | C6 | . | 08 OD | . |
| | 1SA | CR6 | CR4 | C6 | C5 | 06 | 03 | OE18 | 1SA | 1E18 |
| | OTF | C6 | . | 09 CR4 | . | 10 OB4- | . | . | . | . |
| | 1SA | CR6 | C6 | C5 | OB6 | OB4 | 06 | 03 | OE18 | 1SA |
| | 1E18 | OTF | C6 | . | 09 OB6 | . | 10 CR4- | . | . | . |
| 073 | 1SA | CR6 | C6 | OB4 | 06 | 03 | OE18 | 1SA | 1E18 | OTF |
| | C6 | . | 09 C5- | . | 11 OB4 | . | . | . | . | . |
| | 1SA | B3 | CR6 | C6 | C5 | E | K | LP | 05 | 02 |
| | LO | OE18 | 1SA | 1E18 | OTF | C6 | . | 09 OD | . | . |
| | 1SA | B3 | CR6 | CR4 | C6 | C5 | E | K | LP | OB4 |
| | 05 | 02 | LO | OE18 | 1SA | 1E18 | OTF | C6 | . | 10 OD |
| | 1SA | CR6 | CR4 | C6 | 06 | 03 | OE18 | 1SA | 1E18 | OTF |
| | C6 | . | 11 CR4 | . | 08 OB6- | . | . | . | . | . |
| | 1SA | CR6 | C6 | C5 | OB6 | 06 | 03 | OE18 | 1SA | 1E18 |
| | OTF | C6 | . | 11 C5 | . | 09 OB6 | . | . | . | . |
| | 1SA | B3 | CR6 | C6 | E | K | LP | 05 | 02 | LO |
| | OE18 | 1SA | 1E18 | OTF | C6 | . | 11 OD | . | . | . |
| | 1SA | CR6 | C6 | 06 | 03 | TP | OE18 | 1SA | 1E18 | OTF |
| | C6 | . | 11 TP | . | . | . | . | . | . | . |
| 074 | C6 or test, zero side. Logic for zero side C6 is on boards 327, 328, 329, 330. | | | | | | | | | |
| | OSA | TX | C6 | OE18 | OSA | 1E18 | OTF | C6 | . | 01 |
| | 1SA | B6 | B2 | CR6 | E | K | ND | 05 | OE18 | OSA |
| | 1E18 | OTF | C6 | . | 01 | . | . | . | . | . |
| | OSA | TX | CR5 | C6 | E | K | ND | 05 | OE18 | OSA |
| | 1E18 | OTF | C6 | . | 02 | . | . | . | . | . |
| | 1SA | B2 | 06 | 04 | 03 | OE18 | OSA | 1E18 | OTF | C6 |
| | . | 02 | . | . | . | . | . | . | . | . |
| | OSA | B6 | B2 | CR6 | C6 | E | K | 05 | 04 | TSO |
| | OE18 | OSA | 1E18 | OTF | C6 | . | 03 | . | . | . |
| | 1SA | 06 | 03 | OE18 | OSA | 1E18 | OTF | C6 | . | 03 |
| | OSA | C6 | C3 | D | E | K | 06 | 05 | 04 | 03 |
| | 02 | OE18 | OSA | 1E18 | OTF | C6 | . | 04 | . | . |
| | 1SA | TO | TX | CR6 | OE18 | OSA | 1E18 | OTF | C6 | 04 |
| | OSA | C6 | C3 | E | K | 06 | 05 | 04 | 03 | 02 |
| | OE18 | OSA | 1E18 | OTF | C6 | . | 05 | . | . | . |

| Tape stops | Marker number | | | | | | | | | | | |
|------------|---------------|-------------------------|------|------|------|------|------|------|------|------|------|------|
| | 075 | 1SA | TO | TX | D | LP | OE18 | OSA | 1E18 | OTF | C6 | |
| | | . | 05 | . | . | . | . | . | . | . | . | . |
| | | OSA | C6 | E | K | 06 | 05 | 04 | 03 | 02 | OE18 | |
| | | OSA | 1E18 | OTF | C6 | . | 06 | . | . | . | . | . |
| | | 1SA | TO | TX | C3 | D | TSO | LO | OE18 | OSA | 1E18 | |
| | | OTF | C6 | . | 06 | . | . | . | . | . | . | . |
| | | OSA | C6 | E | K | 06 | 05 | 04 | 03 | 02 | TSO | |
| | | OE18 | OSA | 1E18 | OTF | C6 | . | 07 | . | . | . | . |
| | | 1SA | TO | TX | C3 | LP | OE18 | OSA | 1E18 | OTF | C6 | |
| | | . | 07 | . | . | . | . | . | . | . | . | . |
| | | OSA | TO | CR6 | C6 | E | K | LP | 06 | 05 | 04 | |
| | | 03 | 02 | LO | OE18 | OSA | 1E18 | OTF | C6 | . | 08 | . |
| | | 1SA | TX | OE18 | OSA | 1E18 | OTF | C6 | . | 08 | . | . |
| | 076 | C6 and test, zero side. | | | | | | | | | | |
| | | 1SA | B6 | B2 | E | K | ND | 05 | OE18 | OSA | 1E18 | |
| | | 1TF | C6 | . | 01 | CR6- | . | . | . | . | . | . |
| | | 1SA | TO | B6 | CR6 | CR5 | E | K | 05 | 02 | OE18 | |
| | | OSA | 1E18 | 1TF | C6 | . | 01 | NDX- | . | . | . | . |
| | | 1SA | B2 | CR6 | CR5 | 06 | 04 | 03 | OE18 | OSA | 1E18 | |
| | | 1TF | C6 | . | 02 | CR5 | 01 | NDX- | ND- | 03 | OD | 04 |
| | | 1SA | 06 | 04 | 03 | OE18 | OSA | 1E18 | 1TF | C6 | . | 02 |
| | | NDX | . | 03 | OD | . | . | . | . | . | . | . |
| | | 1SA | B6 | B2 | CR6 | E | K | 05 | OE18 | OSA | 1E18 | |
| | | 1TF | C6 | . | 02 | OM | . | 01 | NDX- | ND- | . | . |
| | | 1SA | TO | CR5 | E | K | 05 | 02 | OE18 | OSA | 1E18 | |
| | | 1TF | C6 | . | 03 | OD | . | . | . | . | . | . |
| | | 1SA | B6 | 06 | 03 | OE18 | OSA | 1E18 | 1TF | C6 | . | 03 |
| | | T32 | . | . | . | . | . | . | . | . | . | . |
| | 077 | 1SA | TO | TX | LP | OE18 | OSA | 1E18 | 1TF | C6 | . | 04 |
| | | CR6- | . | 05 | DA- | D- | 07 | C3- | 08 | TOA | TO | . |
| | | 1SA | TO | TX | B2 | CR6 | C3 | ND | 01 | TSO | LO | OE18 |
| | | OSA | 1E18 | 1TF | C6 | . | 04 | C3 | . | NDX- | TXF | TX |
| | | . | 06 | DA- | D- | . | 08 | TOA | . | . | . | . |
| | | 1SA | TO | TX | B2 | CR6 | D | ND | 01 | TSO | LO | OE18 |
| | | OSA | 1E18 | 1TF | C6 | . | 04 | D | 01 | NDX- | TXF | TX |
| | | . | 05 | LP- | . | 06 | CTS | . | 08 | TOA | . | . |
| | | 1SA | TO | TX | B2 | CR6 | C3 | C3 | 05 | D | LP | ND |
| | | OE18 | OSA | 1E18 | 1TF | C6 | . | . | 01 | NDX- | TXF | TX |
| | | . | 06 | LO- | . | 07 | TSO | . | 08 | TOA | . | . |
| | | 1SA | TO | TX | LP | OE18 | OSA | 1E18 | 1TF | C6 | . | 05 |
| | | DA- | . | 04 | CR6- | . | 07 | C3- | 08 | TOA | . | . |

| | | | | | | | | | | | |
|-----|------|------|------|------|-----|------|-----|------|------|------|------|
| 078 | 1SA | TO | TX | B2 | CR6 | D | ND | LO | OE18 | OSA | |
| | 1E18 | 1TF | C6 | . | 06 | CTS | TO | TXF | TX | . | 04 |
| | D | . | 05 | LP- | 08 | TOA | C3 | ND | TSO | LO | |
| | 1SA | TO | TX | B2 | CR6 | C6 | . | DA- | 01 | NDX- | TXF |
| | OE18 | OSA | 1E18 | 1TF | C6 | . | 06 | TOA | TO | . | |
| | TX | . | 04 | C3 | 07 | TSO | 08 | ND | OE18 | OSA | 1E18 |
| | 1SA | TO | TX | B2 | CR6 | C3 | . | TXF | TX | . | 04 |
| | 1TF | C6 | . | 07 | LP- | . | 01 | NDX- | TXF | TX | 04 |
| | . | 08 | TOA | TO | . | . | . | TXF | TX | . | 04 |
| | 1SA | TO | TX | OE18 | OSA | 1E18 | 1TF | C6 | . | 08 | TOA |
| | . | 04 | CR6- | . | . | . | . | OE18 | OSA | 1E18 | |
| | 1SA | TX | B6 | E | K | 05 | 02 | OE18 | OSA | 1E18 | |
| | 1TF | C6 | . | 08 | OY | . | . | . | . | . | |
| | 1SA | OE18 | OSA | 1E18 | 1TF | C6 | . | 08 | TXA- | . | |

079 C5 or test, one side. Logic for one side C5 is on boards 228, 229.

| | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|-----|
| OSA | TX | CR5 | 06 | OE18 | 1SA | 1E18 | 1TF | C5 | . | 01 |
| 1SA | B6 | B2 | C5 | D | E | K | MN | ND | 05 | |
| TSO | OE18 | 1SA | 1E18 | 1TF | C5 | . | 01 | TSO | OE18 | |
| OSA | B6 | B2 | D | E | K | MN | 05 | TSO | OE18 | |
| 1SA | 1E18 | 1TF | C5 | . | 02 | . | . | 1SA | 1E18 | 1TF |
| 1SA | CR5 | C5 | 06 | 03 | 02 | OE18 | 1SA | 1E18 | 1TF | |
| C5 | . | 02 | . | . | . | . | . | 1SA | 1E18 | |
| OSA | TX | E | K | ND | 05 | 02 | OE18 | 1SA | 1E18 | |
| 1TF | C5 | . | 03 | . | . | . | . | 1SA | 1E18 | |
| 1SA | B6 | B2 | C5 | D | MN | 06 | 04 | 03 | TSO | |
| OE18 | 1SA | 1E18 | 1TF | C5 | . | 03 | . | 1SA | 1E18 | |
| OSA | E | K | 05 | 04 | 03 | 02 | OE18 | 1SA | 1E18 | |
| 1TF | C5 | . | 04 | . | . | . | . | 1SA | 1E18 | |
| 1SA | TX | C5 | 06 | TP | OE18 | 1SA | 1E18 | 1TF | C5 | |
| . | 04 | . | . | . | . | . | . | . | . | |

080 C5 and test, one side.

| | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|
| 1SA | B6 | B2 | CR5 | D | E | K | MN | ND | 05 |
| TSO | C5 | OE18 | 1SA | 1E18 | OTF | C5 | 01 | CR5 | . |
| 1SA | B6 | C5 | D | E | K | MN | 05 | 02 | TSO |
| OE18 | 1SA | 1E18 | OTF | C5 | . | 01 | NDX- | . | . |
| 1SA | CR5 | C5 | MN | 06 | 03 | 02 | OE18 | 1SA | 1E18 |
| OTF | C5 | . | 02 | MNA | . | . | . | . | . |
| 1SA | CR5 | C5 | D | E | K | 05 | 02 | OE18 | 1SA |
| 1E18 | OTF | C5 | . | 02 | OMDO | . | . | . | . |
| 1SA | B6 | CR5 | C5 | 06 | 03 | 02 | TSO | OE18 | 1SA |
| 1E18 | OTF | C5 | . | 02 | T32 | . | . | . | . |
| 1SA | B6 | B2 | C5 | D | MN | 06 | 04 | 03 | 02 |
| TSO | OE18 | 1SA | 1E18 | OTF | C5 | . | 03 | O2A | . |
| ND- | . | . | . | . | . | . | . | . | 01 |
| 1SA | B2 | MN | 06 | 04 | 03 | OE18 | BSC | C5 | 1E18 |
| OTF | C5 | . | 03 | C5- | . | 01 | NDX- | . | MN |

| | | | | | | | | | | | |
|-----|---|------|---------|--------|-------|-------|-------|---------|---------|------|----|
| 084 | 1SA | B6 | B2 | CR5 | D | E | K | 05 | TSO | OE18 | |
| | OSA | 1E18 | 1TF | C5 | . | 03 OM | . | 01 NDX- | ND- | . | |
| | 1SA | B6 | D | 06 | 04 | 03 | TSO | OE18 | OSA | 1E18 | |
| | 1TF | C5 | . | 03 NDX | . | . | . | . | . | . | |
| | 1SA | TX | B2 | CR5 | C5 | MN | ND | 06 | TP | OE18 | |
| | BSC | C5 | 1E18 | 1TF | C5 | . | 04 C5 | . | 01 NDX- | TXF | |
| | TX | . | 02 QMDO | QMD | 03 | . | . | . | . | . | |
| | 1SA | B6 | D | E | K | 05 | 02 | TSO | OE18 | OSA | |
| | 1E18 | 1TF | C5 | . | 04 OX | . | . | . | . | . | |
| 085 | C4 or test, one side. Logic for one side C4 is on boards 229, 230, 231. | | | | | | | | | | |
| | OSA | T0 | TX | CR4 | OE18 | 1SA | 1E18 | 1TF | C4 | . | 01 |
| | 1SA | B2 | C4 | E | K | LP | ND | 05 | OE18 | 1SA | |
| | 1E18 | 1TF | C4 | . | . | . | . | . | . | . | |
| | OSA | B2 | E | K | LP | ND | 05 | OE18 | 1SA | 1E18 | |
| | 1TF | C4 | . | 02 | . | . | . | . | . | . | |
| | 1SA | T0 | CR4 | C4 | D | 06 | 03 | OE18 | 1SA | 1E18 | |
| | 1TF | C4 | . | 02 | . | . | . | . | . | . | |
| | OSA | AP | D | E | K | MN | 05 | OE18 | 1SA | 1E18 | |
| | 1TF | C4 | . | 03 | . | . | . | . | . | . | |
| | 1SA | T0 | TX | C6 | C4 | NC | 06 | 03 | OE18 | 1SA | |
| | 1TF | C4 | . | 03 | . | . | . | . | . | . | |
| | OSA | C6 | D | E | K | MN | 05 | OE18 | 1SA | 1E18 | |
| | 1TF | C4 | . | 04 | . | . | . | . | . | . | |
| 086 | 1SA | T0 | TX | AP | C4 | NC | 06 | 03 | OE18 | 1SA | |
| | 1E18 | 1TF | C4 | . | 04 | . | . | . | . | . | |
| | OSA | CR4 | C3 | D | E | K | 06 | 05 | 04 | 03 | |
| | 02 | OE18 | 1SA | 1E18 | 1TF | C4 | . | 05 | . | . | |
| | 1SA | T0 | TX | C4 | OE18 | 1SA | 1E18 | 1TF | C4 | . | 05 |
| | OSA | AP | C3 | E | K | 06 | 05 | 04 | 03 | 02 | |
| | OE18 | 1SA | 1E18 | 1TF | C4 | . | 06 | . | . | . | |
| | 1SA | T0 | TX | C4 | D | OE18 | 1SA | 1E18 | 1TF | C4 | |
| | . | 06 | . | . | . | . | . | . | . | . | |
| | OSA | E | 06 | 05 | 04 | 03 | 02 | A0 | K | OE18 | |
| | 1SA | 1E18 | 1TF | C4 | . | 07 | . | . | . | . | |
| | 1SA | T0 | TX | C4 | C3 | D | TSO | OE18 | 1SA | 1E18 | |
| | 1TF | C4 | . | 07 | . | . | . | . | . | . | |
| | OSA | AP | B6 | B4 | B2 | B1 | E | K | 06 | 05 | |
| | 04 | 03 | 02 | TSO | OE18 | 1SA | 1E18 | 1TF | C4 | . | 08 |
| 087 | 1SA | T0 | TX | B3 | C4 | C3 | OE18 | 1SA | 1E18 | 1TF | |
| | C4 | . | 08 | . | . | . | . | . | . | . | |
| | OSA | AP | B3 | D | E | K | 06 | 05 | 04 | 03 | |
| | 02 | OE18 | 1SA | 1E18 | 1TF | C4 | . | 09 | . | . | |
| | 1SA | T0 | TX | B6 | B4 | B2 | B1 | C4 | C3 | TSO | |
| | OE18 | 1SA | 1E18 | 1TF | C4 | . | 09 | . | . | . | |

| | | | | | | | | | | | |
|-----|---|------|------|------|------|------|------|------|------|------|------|
| 091 | 1SA | TO | TX | B6 | B4 | B2 | B1 | CR4 | C4 | OE18 | |
| | 1SA | 1E18 | OTF | C4 | . | 06 | DA- | . | 05 | CR4 | 08 |
| | . | 09 | C3- | AP | B2 | C4 | D | ND | OE18 | 1SA | 05 |
| | 1SA | TO | TX | . | 07 | CTS | . | 01 | NDX- | TXF | . |
| | 1E18 | OTF | C4 | . | | | | | | TX | 05 |
| | D | . | 06 | AP | . | | | | | . | |
| | 1SA | TO | TX | B3 | C4 | C3 | TSO | OE18 | 1SA | 1E18 | |
| | OTF | C4 | . | 07 | DA- | 05 | C3 | 08 | TSO | . | |
| | 1SA | TO | TX | AP | B6 | B4 | B2 | 08 | B1 | C4 | C3 |
| | ND | OE18 | 1SA | 1E18 | OTF | C4 | . | 08 | AP | . | 01 |
| | TXF | TX | . | 05 | C3 | 09 | AP | . | . | . | NDX- |
| | 1SA | TO | TX | B3 | C4 | C3 | TSO | OE18 | 1SA | 1E18 | |
| | OTF | C4 | . | 09 | T1 | 05 | C3 | 07 | DA- | D- | 08 |
| | TSO | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TO | TX | B6 | B4 | B2 | B1 | C4 | C3 | E | |
| | K | MN | 05 | 04 | 02 | OE18 | 1SA | 1E18 | OTF | C4 | |
| | . | 09 | OY | . | 01 | NDX- | TXF | TX | . | . | . |
| | | | | | | | | | | | |
| 092 | 1SA | TX | B6 | B4 | B2 | B1 | CR4 | C4 | C3 | OE18 | |
| | 1SA | 1E18 | OTF | C4 | . | 09 | TOX- | . | . | . | |
| 093 | C4 or test, zero side. Logic for zero side C4 is on boards 227, 228, 230, 231, 229. | | | | | | | | | | |
| | OSA | TX | C4 | LP | OE18 | OSA | 1E18 | OTF | C4 | . | 01 |
| | 1SA | TO | AC | B2 | CR4 | E | K | MC | ND | 05 | |
| | OE18 | OSA | 1E18 | OTF | C4 | . | . | . | . | . | |
| | OSA | B2 | CR4 | C4 | E | K | ND | 05 | OE18 | OSA | |
| | 1E18 | OTF | C4 | . | 02 | . | . | . | . | . | |
| | 1SA | TO | AC | D | LP | MC | 06 | 03 | OE18 | OSA | |
| | 1E18 | OTF | C4 | . | 02 | . | . | . | . | . | |
| | OSA | TO | AC | B2 | CR4 | C4 | K | LP | MC | MN | |
| | NC | ND | AO | OE18 | OSA | 1E18 | OTF | C4 | . | 03 | . |
| | 1SA | E | 05 | 04 | 02 | OE18 | OSA | 1E18 | OTF | C4 | |
| | . | 03 | . | . | . | . | . | . | . | . | |
| | OSA | C4 | D | E | K | 05 | OE18 | OSA | 1E18 | OTF | |
| | C4 | . | . | . | . | . | . | . | . | . | |
| | 1SA | TO | TX | AC | AP | C6 | MC | MN | NC | 06 | |
| | 03 | OE18 | OSA | 1E18 | OTF | C4 | . | 04 | . | . | |

| | | | | | | | | | | | | |
|-----|------|-------|----|------|---------|---------|---------|---------|---------|---------|---------|------|
| | 1SA | TO | | TX | AC | B2 | CR4 | C6 | LP | MC | MN | |
| | NC | ND | | 06 | 03 | 0E18 | OSA | 1E18 | 1TF | C4 | . | 04 |
| | AP- | . | 01 | NDX | TXF | TX | . | 0] OMDL | D- | . | 05 | C6 |
| | 1SA | TO | | TX | AC | AP | B2 | CR4 | LP | MC | MN | |
| | NC | ND | | 06 | 03 | 0E18 | OSA | 1E18 | 1TF | C4 | . | 04 |
| | C6- | . | 01 | NDX- | TXF | TX | . | 02 OMDL | D- | . | 05 | AP |
| 098 | 1SA | TO | | TX | AC | AP | C6 | E | K | MC | MN | |
| | 05 | 04 | | 02 | 0E18 | OSA | 1E18 | 1TF | C4 | . | 04 | OMDM |
| | 1SA | TO | | AC | AP | C6 | LP | MC | MN | NC | 06 | |
| | 03 | 0E18 | | OSA | 1E18 | 1TF | C4 | . | 04 TXA- | . | 02 | OMDL |
| | D- | . | | . | . | . | . | . | . | . | . | . |
| | 1SA | TO | | TX | AC | B2 | CR4 | LP | MC | NC | ND | |
| | 06 | 03 | | 0E18 | OSA | 1E18 | 1TF | C4 | . | 05 MNA- | . | 01 |
| | NDX- | TXF | | TX | . | 02 OMDL | D- | . | . | . | . | . |
| | 1SA | TO | | TX | AC | E | K | MC | MN | 05 | 04 | |
| | 02 | 0E18 | | OSA | 1E18 | 1TF | C4 | . | 05 OMDM | . | . | 0E18 |
| | 1SA | TO | | AC | LP | MC | MN | NC | 06 | 03 | 0E18 | |
| | OSA | 1E18 | | 1TF | C4 | . | 05 TXA- | . | 02 OMDL | D- | . | 1TF |
| | 1SA | TO | | TX | AC | AP | MC | 0E18 | OSA | 1E18 | . | . |
| | C4 | . | 06 | CR4- | . | 07 DA- | D- | . | 09 C3- | . | . | . |
| 099 | 1SA | TO | | TX | AC | AP | B2 | CR4 | C3 | MC | ND | |
| | TSO | AO | | 0E18 | OSA | 1E18 | 1TF | C4 | . | 06 C3 | . | 01 |
| | NDX- | TXF | | TX | . | 08 DA- | D- | . | 09 TSO | . | . | |
| | 1SA | TO | | TX | AC | B2 | CR4 | D | MC | ND | TSO | |
| | AO | 0E18 | | OSA | 1E18 | 1TF | C4 | . | 06 D | . | 01 NDX1 | |
| | TXF | TX | | . | 07 AP | . | 08 CTS | C3 | . | . | . | . |
| | 1SA | TO | | TX | AC | AP | B2 | CR4 | C3 | D | MC | |
| | ND | TSO | | 0E18 | OSA | 1E18 | 1TF | C4 | . | 07 C3 | . | 01 |
| | NDX- | TXF | | TX | . | 08 AO- | AP | . | 09 TSO | . | . | |
| | 1SA | TO | | TX | AC | AP | MC | 0E18 | OSA | 1E18 | 1TF | |
| | C4 | . | 07 | DA | . | 06 CR4- | . | 09 C3 | . | . | . | |
| | 1SA | TO | | TX | AC | B2 | CR4 | C3 | D | MC | ND | |
| | AO | 0E18 | | OSA | 1E18 | 1TF | C4 | . | 08 CTS | . | 01 NDX- | |
| | TXF | TX | | . | 09 AP- | . | . | . | . | . | . | |
| 100 | 1SA | TO | | TX | AC | AP | B2 | CR4 | C3 | MC | ND | |
| | TSO | AO | | 0E18 | OSA | 1E18 | 1TF | C4 | . | 08 DA- | . | 01 |
| | NDX- | TXF | | TX | . | 06 C3 | . | 09 TSO | . | . | . | |
| | 1SA | TO | | TX | AC | AP | B2 | CR4 | C3 | E | K | |
| | MC | ND | | 05 | 04 | 02 | 0E18 | OSA | 1E18 | 1TF | C4 | |
| | . | 09 OY | | . | 01 NDX- | TXF | TX | . | . | . | . | |
| | 1SA | TO | | AC | AP | C3 | MC | 0E18 | OSA | 1E18 | 1TF | |
| | C4 | . | 09 | TXA | . | . | . | . | . | . | . | |

Tape stops

Marker number

| | | | | | | | | | | | |
|-----|---|------|------|------|------|------|------|------|------|------|-----|
| 101 | C2 or test, one side. Logic for one side C2 is on boards 335, 336, 337. | | | | | | | | | | |
| | OSA | TX | CR2 | D | IP | NC | OB5 | OE18 | 1SA | 1E18 | |
| | 1TF | C2 | . | 01 | . | . | . | . | . | . | |
| | 1SA | TO | B2 | CR3 | C6 | C2 | E | K | ND | 05 | |
| | 02 | OE18 | 1SA | 1E18 | 1TF | C2 | . | 01 | . | . | |
| | OSA | TO | B2 | E | K | 06 | 05 | 04 | 03 | 02 | |
| | OE18 | 1SA | 1E18 | 1TF | C2 | . | 02 | . | . | . | |
| | 1SA | TX | CR2 | C2 | D | OE18 | 1SA | 1TF | C2 | 02 | |
| | OSA | TO | B2 | CR3 | E | K | OB5 | 05 | OE18 | 1SA | |
| | 1E18 | 1TF | C2 | . | 03 | . | . | . | . | . | |
| | 1SA | TX | CR2 | C2 | NC | 06 | 04 | 03 | OE18 | 1SA | |
| | 1E18 | 1TF | C1 | . | 03 | . | . | . | . | . | |
| | OSA | TX | C5 | E | K | NC | ND | 05 | OE18 | 1SA | |
| | 1E18 | 1TF | C2 | . | 04 | . | . | . | . | . | |
| 102 | 1SA | TO | B2 | CR3 | C2 | OB5 | OB4 | 06 | 04 | 03 | |
| | OE18 | 1SA | 1E18 | 1TF | C2 | . | 04 | . | . | . | |
| | OSA | TX | E | K | NC | ND | OB4 | 05 | OE18 | 1SA | |
| | 1E18 | 1TF | C2 | . | 05 | . | . | . | . | . | |
| | 1SA | TO | B2 | CR3 | C5 | C2 | OB5 | 06 | 04 | 03 | |
| | OE18 | 1SA | 1E18 | 1TF | C2 | . | 05 | . | . | . | |
| | OSA | TX | C6 | E | K | 05 | 04 | OE18 | 1SA | 1E18 | |
| | 1TF | C2 | . | 06 | . | . | . | . | . | . | |
| | 1SA | B2 | CR2 | C2 | IP | OB5 | 06 | 03 | OE18 | 1SA | |
| | 1E18 | 1TF | C2 | . | 06 | . | . | . | . | . | |
| 103 | C2 and test, one side. | | | | | | | | | | |
| | 1SA | TO | B2 | CR3 | CR2 | C6 | C2 | E | K | ND | |
| | 05 | 02 | OE18 | 1SA | 1E18 | OTF | C2 | . | 01 | CR2 | . |
| | 1SA | TO | TX | CR3 | C6 | C2 | E | K | 05 | 02 | |
| | OE18 | 1SA | 1E18 | OTF | C2 | . | 01 | NDX- | . | . | |
| | 1SA | TX | CR2 | C2 | OE18 | 1SA | 1E18 | OTF | C2 | . | 02 |
| | DA | . | . | . | . | . | . | . | . | . | |
| | 1SA | TX | CR3 | CR2 | C6 | C2 | D | E | K | 05 | |
| | 02 | OE18 | 1SA | 1E18 | OTF | C2 | . | 02 | OY | . | |
| | 1SA | TO | TX | CR2 | C2 | D | OE18 | 1SA | 1E18 | OTF | |
| | C2 | . | 02 | TOA | . | . | . | . | . | . | |
| | 1SA | B2 | CR2 | IP | NC | ND | OB5 | OB4 | 06 | 04 | |
| | 03 | OE18 | BSC | C2 | 1E18 | OTF | C2 | . | 03 | C2- | CR2 |
| | . | 04 | NDX | ND | 06 | OD | 04 | . | . | . | |
| | 1SA | TX | CR3 | CR2 | C2 | NC | 06 | 04 | 03 | OE18 | |
| | 1SA | 1E18 | OTF | C2 | . | 03 | CR3 | . | . | . | |

| | | | | | | | | | | | | |
|-----|------|----|------|------|--------|------|---------|---------|---------|---------|---------|----|
| 104 | 1SA | | TX | CR2 | C6 | C2 | E | K | 05 | 02 | OE18 | |
| | 1SA | | 1E18 | OTF | C2 | . | 03 OMNF | . | . | . | . | |
| | 1SA | | TO | TX | CR2 | C2 | NC | 06 | 04 | 03 | OE18 | |
| | 1SA | | 1E18 | OTF | C2 | . | 03 TOA | . | . | . | . | |
| | 1SA | | TO | B2 | CR3 | C5 | C2 | IP | 05 | OB4 | 06 | 01 |
| | 04 | | 03 | OE18 | 1SA | 1E18 | OTF | C2 | . | 04 C5 | . | |
| | NDX- | | ND- | . | 05 OB4 | . | 06 OD | 04 | . | . | . | |
| | 1SA | | TO | B2 | CR3 | C2 | IP | OB5 | 06 | 04 | 03 | |
| | OE18 | | 1SA | 1E18 | OTF | C2 | . | 04 OB4- | . | 01 NDX- | ND- | |
| | . | 05 | C5- | . | 06 OD | 04 | . | . | . | . | . | |
| | 1SA | | TO | B2 | CR3 | C2 | OB4 | 06 | 04 | 03 | OE18 | |
| | 1SA | | 1E18 | OTF | C2 | . | 04 OB5- | . | 01 NDX- | ND- | . | |
| | 1SA | | TO | B2 | CR3 | C6 | C2 | E | K | OB5 | OB4 | |
| | 05 | | 02 | OE18 | 1SA | 1E18 | OTF | C2 | . | 04 OM | . | 01 |
| | NDX- | | ND- | . | . | . | . | . | . | . | . | |
| 105 | 1SA | | TO | TX | CR3 | CR2 | C2 | OB5 | OB4 | 06 | 04 | |
| | 03 | | OE18 | 1SA | 1E18 | OTF | C2 | . | 04 NDX | . | . | |
| | 1SA | | TO | B2 | CR3 | C5 | C2 | 06 | 04 | 03 | OE18 | |
| | 1SA | | 1E18 | OTF | C2 | . | 05 OB5- | 01 | NDX- | ND- | . | |
| | 1SA | | TO | B2 | CR3 | C6 | C5 | C2 | E | K | OB5 | 01 |
| | 05 | | 02 | OE18 | 1SA | 1E18 | OTF | C2 | . | 05 OM | . | |
| | NDX- | | ND- | . | . | . | . | . | . | . | . | |
| | 1SA | | TO | TX | CR3 | CR2 | C5 | C2 | OB5 | 06 | 04 | |
| | 03 | | OE18 | 1SA | 1E18 | OTF | C2 | . | 05 NDX | . | . | |
| | 1SA | | B2 | CR2 | C6 | C2 | IP | NC | ND | OB5 | 06 | |
| | 1SA | | OE18 | 1SA | 1E18 | OTF | C2 | . | 06 C6 | . | 01 CR2 | |
| | . | 03 | OMNF | OM | 04- | . | . | . | . | . | . | |
| | 1SA | | B2 | CR2 | C2 | NC | ND | OB5 | 06 | 03 | OE18 | |
| | 1SA | | 1E18 | OTF | C2 | . | 06 IP- | . | 01 CR2 | . | 03 OMNF | |
| | OM | | 04 | . | . | . | . | . | . | . | . | |
| 106 | 1SA | | TO | B2 | CR3 | CR2 | C2 | E | IP | K | ND | |
| | OB5 | | 05 | 02 | OE18 | 1SA | 1E18 | OTF | C2 | . | 06 OD | |
| | . | 01 | CR2 | . | . | . | . | . | . | . | . | |
| | 1SA | | B2 | CR2 | C2 | IP | NC | ND | 06 | 03 | OE18 | |
| | 1SA | | 1E18 | OTF | C2 | . | 06 OB5- | . | 01 CR2 | . | 03 OMNF | |
| | OM | | 04- | . | . | . | . | . | . | . | . | |
| | 1SA | | TX | CR2 | C2 | IP | NC | OB5 | 06 | 03 | OE18 | |
| | 1SA | | 1E18 | OTF | C2 | . | 06 TXF | . | 03 OMNF | OM | 04- | |

| Tape stops | Marker number | C2 or test, zero side. Logic for zero side C2 is on boards 332, 334, 335, 336. | | | | | | | | | |
|------------|---------------|--|------|------|------|------|------|------|------|------|------|
| | 107 | OSA | TX | C2 | D | 06 | 03 | OE18 | OSA | 1E18 | OTF |
| | | C2 | . | 01 | . | . | . | . | . | . | . |
| | | 1SA | B2 | CR2 | E | K | ND | 05 | TP | OE18 | OSA |
| | | 1E18 | OTF | C2 | . | 01 | . | . | . | . | . |
| | | OSA | C2 | E | K | 05 | OE18 | OSA | 1E18 | OTF | C2 |
| | | . | 02 | . | . | . | . | . | . | . | . |
| | | 1SA | TO | TX | C5 | LX | NC | 06 | 04 | 03 | TP |
| | | OE18 | OSA | 1E18 | OTF | C2 | . | 02 | . | . | . |
| | | OSA | C5 | C2 | E | K | LX | 05 | OE18 | OSA | 1E18 |
| | | OTF | C2 | . | 03 | . | . | . | . | . | . |
| | | 1SA | TO | TX | NC | 06 | 04 | 03 | TP | OE18 | OSA |
| | | 1E18 | OTF | C2 | . | 03 | . | . | . | . | . |
| | | OSA | TO | B2 | CR3 | CR2 | C2 | E | K | ND | 05 |
| | | OE18 | OSA | 1E18 | OTF | C2 | . | 04 | . | . | . |
| | | 1SA | D | LP | LX | 06 | 04 | 03 | TP | OE18 | OSA |
| | | 1E18 | OTF | C2 | . | 04 | . | . | . | . | . |
| | 108 | OSA | TO | B2 | CR2 | C2 | E | K | LX | ND | 05 |
| | | OE18 | OSA | 1E18 | OTF | C2 | . | 05 | . | . | . |
| | | 1SA | CR3 | D | LP | 06 | 04 | 03 | TP | OE18 | OSA |
| | | 1E18 | OTF | C2 | . | 05 | . | . | . | . | . |
| | | OSA | TO | B2 | CR2 | C2 | E | K | LP | ND | 05 |
| | | OE18 | OSA | 1E18 | OTF | C2 | . | 06 | . | . | . |
| | | 1SA | CR3 | D | LX | 06 | 04 | 03 | TP | OE18 | OSA |
| | | 1E18 | OTF | C2 | . | 06 | . | . | . | . | . |
| | | OSA | TO | B2 | CR3 | CR2 | C2 | E | K | LP | LX |
| | | ND | 05 | OE18 | OSA | 1E18 | OTF | C2 | . | 07 | . |
| | | 1SA | D | 06 | 04 | 03 | TP | OE18 | OSA | 1E18 | OTF |
| | | C2 | . | 07 | . | . | . | . | . | . | . |
| | | OSA | B2 | CR2 | C2 | D | E | K | NC | ND | 05 |
| | | TP | OE18 | OSA | 1E18 | OTF | C2 | . | 08 | . | . |
| | 109 | 1SA | 06 | 03 | OE18 | OSA | 1E18 | OTF | C2 | . | 08 |
| | | OSA | B2 | CR2 | C2 | E | K | ND | 05 | 04 | OE18 |
| | | OSA | 1E18 | OTF | C2 | . | 09 | . | . | . | . |
| | | 1SA | D | LX | 06 | 03 | TP | TX | OE18 | OSA | 1E18 |
| | | OTF | C2 | . | 09 | . | . | . | . | . | . |
| | 110 | C2 and test, zero side. | | | | | | | | | |
| | | 1SA | B2 | E | K | ND | 05 | TP | OE18 | OSA | 1E18 |
| | | 1TF | C2 | . | 01 | CR2- | . | . | . | . | . |
| | | 1SA | CR2 | E | K | 05 | TP | OE18 | OSA | 1E18 | 1TF |
| | | C2 | . | 01 | NDX- | . | . | . | . | . | . |
| | | 1SA | TO | TX | B2 | CR2 | D | LP | LX | NC | ND |
| | | 06 | 04 | 03 | TP | OE18 | OSA | 1E18 | 1TF | C2 | 02 |

| | | | | | | | | | | | | | |
|------|----|----|------|------|----|------|----|------|-----|------|------|------|------|
| C5- | | 01 | NDX- | TXF | | TX | | 03 | LX | | 04 | TOA | TO |
| TPB | 08 | | TP | | | OD | | 04 | | | | LP | NC |
| 1SA | | | TX | B2 | 09 | CR3 | | CR2 | C5 | | D | 1TF | C2 |
| ND | 06 | | 04 | 03 | | TP | | OE18 | OSA | | 1E18 | | TOA |
| | 02 | | | | 01 | TXF | | TX | | 03 | C5 | | |
| TO | | 08 | TPB | TP | | | | | | | | | |
| 1SA | | | TX | B2 | | CR2 | | C5 | | | | LX | ND |
| 05 | | | OE18 | OSA | | 1E18 | | 1TF | | | | 02 | OMNF |
| NDX- | | | TX | | | | | | | | | | |
| | | | | | | | | | | | | | 01 |
| 1SA | | | LP | LX | | NC | | 06 | 04 | | 03 | TP | OE18 |
| 1SA | | | 1TF | C2 | | | 02 | TOX- | | 08 | TPB | TP | |
| 1SA | | | TX | B2 | | CR2 | | E | | | ND | 05 | TP |
| OE18 | | | 1E18 | 1TF | | C2 | | | 03 | | OMNF | | TXF |
| TX | | | | | | | | | | | | | |
| 1SA | | | LP | NC | | 06 | | 04 | | | 03 | TP | OE18 |
| 1E18 | | | C2 | | 03 | TOX- | | | 08 | TPB | TP | | OSA |
| 1SA | | | CR3 | C5 | | D | | LP | | | NC | 06 | 04 |
| 03 | | | OE18 | OSA | | 1E18 | | 1TF | | | C2 | 04 | CR3 |
| TOX- | | | | LX | 05 | | | LP | | 06 | | 08 | TP |
| OD | | | | | | | | | | | | | |
| 1SA | | | D | LP | | NC | | 06 | | 04 | 03 | TP | OE18 |
| OSA | | | 1TF | C2 | | | 04 | LX- | | 03 | TOX- | TO- | |
| CR3- | | 07 | LP | | 08 | TPB | | TP | | | | | 05 |
| 1SA | | | C5 | D | | LX | | NC | | | 04 | 03 | TP |
| OE18 | | | 1E18 | 1TF | | C2 | | | 04 | 06 | | 02 | TOX- |
| | 06 | | CR3- | LX | 07 | | 08 | TPB | | 04 | LP- | 09 | OD |
| | | | | | | | | | | TP | | | 04 |
| 1SA | | | TX | C5 | | D | | LP | | LX | | 06 | 04 |
| TP | | | OSA | 1E18 | | 1TF | | C2 | | | 04 | TOA | |
| NC- | | 08 | TPB | TP | | | 09 | OD | | 04 | | | 02 |
| 1SA | | | CR3 | D | | NC | | 06 | | 04 | 03 | TP | OE18 |
| OSA | | | 1TF | C2 | | | 05 | LP- | | | 03 | TOX- | |
| LX- | | 07 | CR3 | | 08 | TPB | | TP | | | | | 06 |
| 1SA | | | TX | CR3 | | D | | LP | | 06 | | 04 | TP |
| OE18 | | | 1E18 | 1TF | | C2 | | | 05 | TOA | | 03 | OMNF |
| | 08 | | TP | | | | | | | | | | NC- |
| 1SA | | | TX | CR3 | | C5 | | D | | LX | | 06 | 04 |
| TP | | | OSA | 1E18 | | 1TF | | C2 | | | 06 | TOA | |
| NC- | | 08 | TPB | TP | | | 09 | OD | | 04 | | | 02 |
| 1SA | | | TX | D | | 06 | | 04 | | 03 | TP | OE18 | OSA |
| 1E18 | | | C2 | | 07 | TOA | | | 03 | OMNF | | | 08 |
| TP | | | | | | | | | | | | | TPB |

111

112

| Tape stops | Marker number | | | | | | | | | | | | |
|------------|---------------|--|------|------|------|------|------|------|------|------|-------|-----|------|
| | 113 | 1SA | B2 | C2 | D | ND | 06 | 04 | 03 | TP | OE18 | | |
| | | BSC | C2 | 1E18 | 1TF | C2 | . | 07 | C2 | . | 01 | TP | CR2- |
| | | TPB | TP | . | . | . | . | . | . | . | . | . | 08 |
| | | 1SA | TX | NC | 06 | 04 | 03 | TP | OE18 | OSA | 1E18 | | |
| | | 1TF | C2 | . | 07 | DA- | 03 | TOX- | TO- | 08 | TPB | TP | |
| | | 1SA | D | E | K | 05 | TP | OE18 | OSA | 1E18 | 1TF | | |
| | | C2 | . | 07 | OM | . | . | . | . | . | . | . | 08 |
| | | 1SA | E | K | 05 | OE18 | OSA | 1E18 | 1TF | C2 | . | . | 08 |
| | | . | OMD | . | . | . | . | . | . | . | . | . | |
| | | 1SA | TO | TX | C5 | LX | 06 | 04 | 03 | TP | OE18 | | |
| | | OSA | 1E18 | 1TF | C2 | . | 08 | TPB | 02 | OMNF | NC- | | |
| | | 1SA | TO | TX | D | NC | 06 | 03 | TP | OE18 | OSA | | |
| | | 1E18 | 1TF | C2 | . | 09 | LX- | . | 03 | OMNF | OM | 04- | 08 |
| | | TPB | TP | . | . | . | . | . | . | . | . | . | |
| | | 1SA | TX | D | E | K | LX | 05 | TP | OE18 | OSA | | |
| | | 1E18 | 1TF | C2 | . | 09 | OD | . | . | . | . | . | |
| | 114 | 1SA | TO | TX | C5 | LX | NC | 06 | 03 | TP | OE18 | | |
| | | OSA | 1E18 | 1TF | C2 | . | 09 | DA- | . | 02 | OMNF | OM | 04- |
| | | . | 08 | TPB | TP | . | . | . | . | . | . | . | |
| | | 1SA | D | LX | 06 | 03 | TP | OE18 | OSA | 1E18 | 1TF | | |
| | | C2 | . | 09 | TX- | . | . | . | . | . | . | . | |
| | 115 | CFS or test, one side. Logic for one side CFS is on board 238. | | | | | | | | | | | |
| | | OSA | B6 | FS | TSO | OE18 | 1SA | 1E18 | 1TF | CFS | . | 01 | 01 |
| | | 1SA | CFS | CPFS | OE18 | 1SA | 1E18 | 1TF | CFS | . | . | . | 02 |
| | | OSA | B6 | CPFS | TSO | OE18 | 1SA | 1E18 | 1TF | CFS | . | 02 | . |
| | | 1SA | CFS | FS | OE18 | 1SA | 1E18 | 1TF | CFS | . | . | . | |
| | 116 | CFS and test, one side. | | | | | | | | | | | |
| | | 1SA | CFS | OE18 | 1SA | 1E18 | OTF | CFS | . | 01 | CPFS- | . | 02 |
| | | FS- | . | . | . | . | . | . | . | . | . | . | |
| | | 1SA | CFS | CPFS | FS | OE18 | 1SA | 1E18 | OTF | CFS | . | . | 01 |
| | | FS | . | 02 | CPFS | . | . | . | . | . | . | . | |
| | | 1SA | B6 | CFS | CPFS | TSO | OE18 | 1SA | 1E18 | OTF | CFS | | |
| | | . | 01 | T32 | . | . | . | . | . | . | . | . | |
| | | 1SA | B6 | CFS | FS | TSO | OE18 | 1SA | 1E18 | OTF | CFS | | |
| | | . | 02 | T32 | . | . | . | . | . | . | . | . | |
| | 117 | CFS or test, zero side. Logic for zero side CFS is on board 238. | | | | | | | | | | | |
| | | OSA | B6 | CFS | TSO | OE18 | OSA | 1E18 | OTF | CFS | . | 01 | 01 |
| | | 1SA | CPFS | FS | OE18 | OSA | 1E18 | OTF | CFS | . | . | . | |
| | | OSA | B6 | CFS | CPFS | FS | TSO | OE18 | OSA | 1E18 | OTF | | |
| | | CFS | . | 02 | . | . | . | . | . | . | . | . | |
| | | 1SA | OE18 | OSA | 1E18 | OTF | CFS | . | 02 | . | . | . | |

| | | | | | | | | | | | | |
|-----|--|------|------|------|------|------|------|------|------|-------|-----|----|
| 118 | CFS and test, zero side. | | | | | | | | | | | |
| | 1SA | FS | OE18 | OSA | 1E18 | 1TF | CFS | . | 01 | CPFS- | . | 02 |
| | FS | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | CPFS | OE18 | OSA | 1E18 | 1TF | CFS | . | 01 | FS | . | 02 |
| | CPFS | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | B6 | CPFS | FS | TSO | OE18 | OSA | 1E18 | 1TF | CFS | . | . |
| | . | 01 | T32 | . | . | . | . | . | . | . | . | . |
| | 1SA | B6 | TSO | OE18 | OSA | 1E18 | 1TF | CFS | . | 02 | T32 | . |
| 119 | NC or test, one side. Logic for one side NC is on boards 326, 327. | | | | | | | | | | | |
| | OSA | TX | K | 05 | OE18 | 1SA | 1E18 | 1TF | NC | . | . | 01 |
| | 1SA | B2 | NC | ND | 03 | OE18 | 1SA | 1E18 | 1TF | NC | . | . |
| | . | 01 | . | . | . | . | . | . | . | . | . | . |
| | OSA | TO | AK | CL7 | 04 | OE18 | 1SA | 1E18 | 1TF | NC | . | . |
| | . | 02 | . | . | . | . | . | . | . | . | . | . |
| | 1SA | D | K | NC | OE18 | 1SA | 1E18 | 1TF | NC | . | . | 02 |
| | OSA | AK | QC | TP | OE18 | 1SA | 1E18 | 1TF | NC | . | . | 03 |
| | 1SA | D | K | NC | OFLO | 04 | PE | OE18 | 1SA | 1E18 | . | . |
| | 1TF | NC | . | 03 | . | . | . | . | . | . | . | . |
| | OSA | TO | E | IP | K | 04 | 03 | OE18 | 1SA | 1E18 | . | . |
| | 1TF | NC | . | 04 | . | . | . | . | . | . | . | . |
| | 1SA | NC | 06 | 05 | OE18 | 1SA | 1E18 | 1TF | NC | . | . | 04 |
| | OSA | TO | E | IP | K | 06 | OE18 | 1SA | 1E18 | 1TF | . | . |
| | NC | . | 05 | . | . | . | . | . | . | . | . | . |
| | 1SA | D | NC | OB3 | 05 | 03 | OE18 | 1SA | 1E18 | 1TF | . | . |
| | NC | . | 05 | . | . | . | . | . | . | . | . | . |
| | OSA | TO | AC | E | IP | K | OE18 | 1SA | 1E18 | 1TF | . | . |
| | NC | . | 06 | . | . | . | . | . | . | . | . | . |
| 120 | 1SA | DC | NC | 06 | 05 | 03 | OE18 | 1SA | 1E18 | 1TF | . | . |
| | NC | . | 06 | . | . | . | . | . | . | . | . | . |

Tape stops Marker number

| | | | | | | | | | | | |
|-----|------------------------|--------|---------|-------|---------|------|--------|--------|-------|-------|----|
| 121 | NC and test, one side. | | | | | | | | | | |
| | 1SA | TX | D | NC | OB3 | 03 | OE18 | 1SA | 1E18 | OTF | |
| | NC | . | 01 NDX- | . | 02 KIOC | KIO | K- | . | 05 OW | 05A- | |
| | 05- | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TO | AC | B2 | E | IP | NC | ND | 05 | 03 | |
| | OE18 | 1SA | 1E18 | OTF | NC | . | 05 | . | . | . | |
| | 1SA | B2 | D | NC | ND | 06 | OE18 | 1SA | 1E18 | OTF | |
| | NC | . | 01 03- | . | 02 KIOC | KIO | K- | . | 04 OJ | 05A- | |
| | 05- | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TO | AK | B2 | CL7 | K | NC | ND | 03 | QC | |
| | TP | OE18 | 1SA | 1E18 | OTF | NC | . | 01 KB | . | . | |
| | 1SA | TX | AC | AK | CL7 | E | IP | NC | OE18 | 1SA | |
| | 1E18 | OTF | NC | . | 02 KIOC | . | . | . | . | . | |
| | 1SA | B2 | D | K | NC | ND | 04 | 03 | QC | TP | |
| | OE18 | 1SA | 1E18 | OTF | NC | . | 02 04 | . | 01 KB | K | |
| | 1SA | TO | B2 | D | K | NC | ND | OFLO | 03 | PE | |
| | OE18 | 1SA | 1E18 | OTF | NC | . | 02 TOB | . | 01 KB | K | |
| | . | 03 04- | . | . | . | . | . | . | . | . | |
| 122 | 1SA | TO | TX | AC | AK | E | IP | NC | OFLO | 04 | |
| | PE | OE18 | 1SA | 1E18 | OTF | NC | . | 03 KIO | . | . | |
| | 1SA | B2 | D | K | NC | ND | OFLO | 04 | 03 | PE | |
| | QC | OE18 | 1SA | 1E18 | OTF | NC | . | 03 QC | . | 01 KB | |
| | K | . | 02 04 | . | . | . | . | . | . | . | |
| | 1SA | B2 | D | K | NC | ND | OFLO | 04 | 03 | PE | |
| | TP | OE18 | 1SA | 1E18 | OTF | NC | . | 03 TP | . | 01 KB | |
| | K | . | 02 04 | . | . | . | . | . | . | . | |
| | 1SA | B2 | D | K | NC | ND | 04 | 03 | OE18 | 1SA | |
| | 1E18 | OTF | NC | . | 03 ERR- | . | 01 KB | K | 02 | 04 | |
| | 1SA | AK | CL7 | K | NC | QC | TP | OE18 | 1SA | 1E18 | |
| | OTF | NC | . | 04 OJ | . | . | . | . | . | . | |
| | 1SA | ND | B2 | 03 | 05 | D | 06 | OB3 | AC | NC | |
| | OE18 | 1SA | 1E18 | OTF | NC | . | 04 03 | . | 01 05 | . | 02 |
| | KIOC | KIO | K- | . | 05 OW | K06 | 06 | . | 06 | . | |
| 123 | 1SA | D | E | NC | 06 | 05 | OE18 | 1SA | 1E18 | OTF | |
| | NC | . | 04 E | . | 02 KIOC | KIO | K- | . | . | . | |
| | 1SA | TO | IP | NC | 06 | 05 | OE18 | 1SA | 1E18 | OTF | |
| | NC | . | 04 IPO | . | . | . | . | . | . | . | |
| | 1SA | TX | AC | AK | CL7 | D | E | NC | OB3 | 06 | |
| | 05 | QP | TP | OE18 | 1SA | 1E18 | OTF | NC | . | 05 OW | |
| | . | 04 E | . | . | . | . | . | . | . | . | |
| | 1SA | B2 | DC | NC | ND | OB3 | 05 | 03 | OE18 | 1SA | |
| | 1E18 | OTF | NC | . | 05 DA- | . | 01 05 | . | 06 OA | K06- | |

| | | | | | | | | | | | | |
|-----|---|---|---|--|---|---|--|---|--|---|----|----|
| | 06- 1SA 1E18 K- 1SA 04 . | . B2 OTF . T0 03 05 01 | . DC NC 06 OA B2 PE . | . D . K06- D OE18 K10 03 | . NC 05 OB3- 06- IP 1SA K- . | . ND . . NC 1E18 . . | . 05 05 . ND OTF . . | . 03 . 02 OB3 NC . . | . OE18 KIOC . OFLO . . . | . 1SA KIO . 05 IPO . . | | |
| 124 | 1SA QC 05 1SA OTF 1SA 05 IP | AC TP . TX NC T0 04 . | AK OE18 . DC . B2 03 05 01 | B2 1SA . D 05- DC PE . 03 | CL7 1E18 . NC . D OE18 KIO 03 | E OTF . 06 . D OE18 K- . | NC NC . 03 KIOC IP 1SA K- . | ND . 06 OE18 K- ND OTF . . | 05 OA . 1SA OFLO NC . . | 03 . 1E18 . 06 . . . | 01 | 06 |
| 125 | NC or test, zero side. OSA . 1SA OSA . 1SA OSA 1SA | B2 . TX TX . B2 B6 K | K . D D . TP NC OE18 | Logic for zero side NC is on boards 326, 327. NC OE18 K . TSO OSA OSA | TP OSA NC . OSA OE18 1E18 1E18 OTF | OE18 1E18 1E18 1E18 OSA 1E18 OTF NC | OSA 1E18 OSA 1E18 1E18 1E18 NC . 03 | 1E18 OTF NC 1E18 OTF NC . 03 | OTF . . OTF . . NC . 02 | NC . 01 NC . 02 . . 03 | | |
| 126 | NC and test, zero side. 1SA KA- 1SA NC 1SA 1TF 1SA . 1SA NC 1SA 1SA NC | TX K- TX . B2 NC TX KA- B6 . TX B6 . TX B6 . | OE18 . B6 01 KTP NC . TP K- B2 . TP B2 T32 | OSA D . ND 02 NC OE18 . D . OE18 D . D -1 | OSA 1E18 1E18 1E18 03 03 OSA K KTP OSA K KTP | 1TF TP . TP 03 03 KA- 1E18 . K K KTP K KTP | 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 | NC 0E18 OSA 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 | 01 . OSA 1E18 BSC NC . 02 TXF . 02 TXF . 03 KA- 1TF . 02 K | DA- 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 1E18 | 03 | |

| Tape stops | Marker number | DC or test, one side. Logic for one side DC is on boards 209, 210, 212, 213. | | | | | | | | | | |
|------------|---------------|--|------|------|------|------|------|------|------|------|------|------|
| | 127 | OSA | TO | AK | IP | 04 | 03 | OE18 | 1SA | 1E18 | 1TF | |
| | | DC | . | 01 | . | . | . | . | . | . | . | |
| | | 1SA | DC | D | K | OE18 | 1SA | 1E18 | 1TF | DC | . | 01 |
| | | OSA | TO | AK | 04 | OE18 | 1SA | 1E18 | 1TF | DC | . | 02 |
| | | 1SA | DC | D | IP | K | 03 | 02 | OE18 | 1SA | 1E18 | |
| | | 1TF | DC | . | 02 | . | . | . | . | . | . | |
| | | OSA | TO | TX | C4 | E | K | 0B5 | 06 | 05 | 02 | |
| | | OE18 | 1SA | 1E18 | 1TF | DC | . | 03 | . | . | . | |
| | | 1SA | C7 | C6 | C5 | DC | 04 | 03 | OE18 | 1SA | 1E18 | |
| | | 1TF | DC | . | 03 | . | . | . | . | . | . | |
| | | OSA | TO | C7 | C6 | C5 | E | K | 06 | OE18 | 1SA | |
| | | 1E18 | 1TF | DC | . | 04 | . | . | . | . | . | |
| | | 1SA | TX | C4 | DC | 0B5 | 05 | 03 | OE18 | 1SA | 1E18 | |
| | | 1TF | DC | . | 04 | . | . | . | . | . | . | |
| | 128 | OSA | AC | B6 | E | K | TSO | OE18 | 1SA | 1E18 | 1TF | |
| | | DC | . | 05 | . | . | . | . | . | . | . | |
| | | 1SA | DC | D | 06 | 03 | OE18 | 1SA | 1E18 | 1TF | DC | |
| | | . | 05 | . | . | . | . | . | . | . | . | |
| | 129 | DC and test, one side. | | | | | | | | | | |
| | | 1SA | AC | AK | B6 | C7 | C6 | C5 | DC | E | IP | |
| | | TSO | OE18 | 1SA | 1E18 | OTF | DC | . | 01 | KIOP | . | |
| | | 1SA | TX | C4 | DC | D | K | 05 | 04 | 03 | 02 | |
| | | OE18 | 1SA | 1E18 | OTF | DC | . | 01 | 04 | 02 | 0L4 | 04B |
| | | 04 | . | 04 | OW | K06 | K | . | . | . | . | |
| | | 1SA | AC | AK | B6 | C7 | C6 | C5 | DC | E | IP | |
| | | 03 | 02 | TSO | OE18 | 1SA | 1E18 | OTF | DC | . | 02 | KI0 |
| | | 1SA | DC | D | IP | K | OE18 | 1SA | 1E18 | OTF | DC | |
| | | . | 02 | 0L4 | . | 01 | KIOP | IP | . | . | . | |
| | | 1SA | AC | B6 | C7 | C6 | DC | E | K | 04 | 03 | |
| | | TSO | OE18 | 1SA | 1E18 | OTF | DC | . | 03 | K06 | . | |
| | | 1SA | C7 | C6 | C5 | DC | D | 03 | OE18 | 1SA | 1E18 | |
| | | OTF | DC | . | 03 | 04- | . | 01 | KIOP | K- | . | 05 |
| | | K06- | 06- | . | . | . | . | . | . | . | . | |
| | 130 | 1SA | TX | C4 | DC | 05 | 04 | OE18 | 1SA | 1E18 | OTF | |
| | | DC | . | 03 | 03- | 04 | 03A- | 03- | . | . | . | |
| | | 1SA | C7 | C6 | C5 | DC | D | 04 | 03 | 02 | OE18 | |
| | | 1SA | 1E18 | OTF | DC | . | 03 | 02 | 05 | 0A | K06- | 06- |
| | | 1SA | C7 | C6 | C5 | DC | D | 0B5 | 05 | 04 | 03 | OE18 |
| | | 1SA | 1E18 | OTF | DC | . | 03 | 0B5 | 05 | 0A | K06- | 06- |
| | | 1SA | TX | AC | AK | B6 | C4 | DC | E | IP | 0B5 | |
| | | TSO | OE18 | 1SA | 1E18 | OTF | DC | . | 04 | OW | . | |
| | | 1SA | TX | C7 | C4 | DC | D | 0B5 | 05 | 03 | 02 | |

| | | | | | | | | | | | | |
|-----|--|------|------|------|------|------|------|------|------|------|------|------|
| | OE18 | 1SA | 1E18 | OTF | DC | . | 04 | CN7X | C7 | . | 01 | KIOP |
| | KIO | K- | . | 02 | KIO | K- | . | 05 | OA | K06- | 06- | . |
| | 1SA | TX | C6 | C4 | DC | D | . | 04 | OB5 | 05 | 03 | 02 |
| | OE18 | 1SA | 1E18 | OTF | DC | . | 04 | CN7X | C6 | . | 01 | KIOP |
| | KIO | K- | . | 02 | KIO | K- | . | 05 | OA | K06- | 06- | . |
| 131 | 1SA | TX | C5 | C4 | DC | D | . | 04 | OB5 | 05 | 03 | 02 |
| | OE18 | 1SA | 1E18 | OTF | DC | . | 04 | CN7X | C5A | . | 01 | KIOP |
| | KIO | K- | . | 02 | KIO | K- | . | 05 | OA | K06- | 06- | . |
| | 1SA | C4 | DC | D | OB5 | 05 | 03 | 02 | OE18 | 1SA | . | . |
| | 1E18 | OTF | DC | . | 04 | CN7X | TX- | 01 | KIOP | KIO | K- | . |
| | . | 02 | KIO | K- | . | 05 | OA | K06- | 06- | . | . | . |
| | 1SA | TO | TX | C4 | DC | D | OB5 | 05 | 03 | OE18 | . | . |
| | 1SA | 1E18 | OTF | DC | . | 04 | TOB | . | 05 | OA | K06- | 06- |
| | 1SA | TX | AC | DC | D | OB5 | 05 | 04 | 03 | 02 | . | . |
| | IP | OE18 | 1SA | 1E18 | OTF | DC | . | 04 | C4- | . | 05 | OA |
| 132 | 1SA | TX | C4 | DC | 06 | 05 | 04 | 03 | OE18 | 1SA | . | . |
| | 1E18 | OTF | DC | . | 05 | DA- | . | 03 | K06 | 06 | . | 04 |
| | K06 | 06 | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TX | B6 | C4 | DC | D | 06 | 05 | 03 | 02 | . | . |
| | TSO | OE18 | 1SA | 1E18 | OTF | DC | . | 05 | T32 | 01 | KIOP | . |
| | KIO | K- | . | 02 | KIO | K- | . | 04 | OW | K06 | 06 | . |
| 133 | DC or test, zero side. Logic for zero side DC is on board 212. | | | | | | | | | | | |
| | OSA | DC | TP | OE18 | OSA | 1E18 | OTF | DC | . | . | 01 | . |
| | 1SA | OE18 | OSA | 1E18 | OTF | DC | . | 01 | . | . | . | . |
| 134 | DC and test, zero side. | | | | | | | | | | | |
| | 1SA | TP | OE18 | OSA | 1E18 | 1TF | DC | . | 01 | TPA | . | . |
| 135 | DP or test, one side. Logic for one side DP is on boards 332, 435. | | | | | | | | | | | |
| | OSA | DC | RX | OE18 | 1SA | 1E18 | 1TF | DP | . | . | 01 | . |
| | 1SA | TX | K | DP | OE18 | 1SA | 1E18 | 1TF | DP | . | . | 01 |
| | OSA | DC | D | K | RX | OE18 | 1SA | 1E18 | 1TF | DP | . | 01 |
| | . | 02 | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TX | DP | OE18 | 1SA | 1E18 | 1TF | DP | . | 02 | . | . |
| | OSA | DC | K | MN | OE18 | 1SA | 1E18 | 1TF | DP | . | . | 03 |
| | 1SA | TX | D | DP | OE18 | 1SA | 1E18 | 1TF | DP | . | . | 03 |
| | OSA | DX | OE18 | 1SA | 1E18 | 1TF | DP | . | 04 | . | . | . |
| | 1SA | TX | DC | DP | OE18 | 1SA | 1E18 | 1TF | DP | . | . | 04 |
| | OSA | TX | OE18 | 1SA | 1E18 | 1TF | DP | . | 05 | . | . | . |
| | 1SA | DX | MN | RX | DP | OE18 | 1SA | 1E18 | 1TF | DP | . | . |
| | . | 05 | . | . | . | . | . | . | . | . | . | . |

Tape stops **Marker number**

| | | | | | | | | | | | | | | | |
|-----|---|----|------|------|-----|------|------|------|------|------|------|------|------|-----|-----|
| 136 | DP and test, one side. | | | | | | | | | | | | | | |
| | 1SA | | | | | | | | | | | | | | |
| | . | 01 | KB- | . | 02 | KD3 | D | . | 03 | MNA | MN | . | 04 | DC- | |
| | . | 05 | TXC | TX | . | . | . | . | . | . | . | . | . | . | |
| | 1SA | | TX | DC | | DX | K | DP | | OE18 | 1SA | 1E18 | OTF | DP | |
| | DP | | . | 01 | DC | . | 04 | DX | | 05 | TXC | TX | 1E18 | OTF | |
| | 1SA | | TX | D | | K | RX | DP | | 05 | OE18 | 1SA | 1E18 | OTF | |
| | DP | | . | 01 | RX | . | 03 | KD2 | K | | . | 04 | DC- | 05 | TXC |
| | TXC | | TX | . | | . | . | . | . | | . | . | . | . | . |
| | 1SA | | TX | D | | MN | DP | OE18 | 1SA | 1E18 | OTF | DP | | | |
| | . | 02 | KD3 | . | 01 | KB- | K- | . | 03 | MNA | MN | . | 04 | DC- | |
| | . | 05 | TXC | TX | | . | . | . | . | . | . | . | . | . | |
| | 1SA | | TX | DC | | DX | DP | OE18 | 1SA | 1E18 | OTF | DP | | | |
| | . | 02 | DC | . | 04 | DX | . | 05 | TXC | TX | . | . | . | . | |
| | 1SA | | TX | RX | | DP | OE18 | 1SA | 1E18 | OTF | DP | . | 02 | | |
| | RX | | . | 03 | KD2 | D- | . | 04 | DC- | . | 05 | TXC | TX | . | |
| 137 | 1SA | | TX | K | | RX | DP | OE18 | 1SA | 1E18 | OTF | DP | | | |
| | . | 03 | KD2 | . | 01 | RX | . | 04 | DC- | . | 05 | TXC | TX | . | |
| | 1SA | | TX | DC | | DX | D | DP | OE18 | 1SA | 1E18 | OTF | DP | | |
| | DP | | . | 03 | DC | . | 04 | DX | . | 05 | TXC | TX | . | . | |
| | 1SA | | TX | D | | MN | DP | OE18 | 1SA | 1E18 | OTF | DP | | | |
| | . | 03 | MNA | . | 01 | KB- | K- | . | 02 | KD3 | D | . | 04 | DC- | |
| | . | 05 | TXC | TX | | . | . | . | . | . | . | . | . | . | |
| | 1SA | | TX | DX | | K | MN | RX | DP | OE18 | 1SA | 1E18 | | | |
| | OTF | | DP | . | 05 | TXC | . | 01 | RX | . | . | . | . | . | |
| 138 | DP or test, zero side. Logic for zero side DP is on boards 331, 332, 435. | | | | | | | | | | | | | | |
| | OSA | | DC | DP | | OE18 | OSA | 1E18 | OTF | DP | . | 01 | . | 01 | |
| | 1SA | | TO | K | | RX | OE18 | OSA | 1E18 | OTF | DP | . | . | . | |
| | OSA | | DC | D | | K | DP | OE18 | OSA | 1E18 | OTF | DP | . | . | |
| | . | 02 | . | . | | . | . | . | . | . | . | . | . | . | |
| | 1SA | | TO | RX | | OE18 | OSA | 1E18 | OTF | DP | . | 02 | . | . | |
| | OSA | | DC | K | | D | OE18 | OSA | 1E18 | OTF | DP | . | . | 03 | |
| | 1SA | | TO | D | | MN | OE18 | OSA | 1E18 | OTF | DP | . | . | 03 | |
| | OSA | | DP | OE18 | | OSA | 1E18 | OTF | DP | . | 04 | . | . | . | |
| | 1SA | | TO | DC | | DX | OE18 | OSA | 1E18 | OTF | DP | . | . | 04 | |
| | OSA | | TO | DX | | MN | RX | DP | OE18 | OSA | 1E18 | OTF | DP | . | |
| | DP | | . | 05 | . | . | . | . | . | . | . | . | . | . | |
| | 1SA | | OE18 | OSA | | 1E18 | OTF | DP | . | 05 | . | . | . | . | |
| 139 | DP and test, zero side. | | | | | | | | | | | | | | |
| | 1SA | | TO | DX | | D | RX | OE18 | OSA | 1E18 | 1TF | DP | | | |
| | . | 01 | KB- | . | 02 | KD3 | D | . | 03 | MNA- | MN- | . | 04 | DC- | |
| | . | 05 | TOB | TO | | . | . | . | . | . | . | . | . | . | |
| | 1SA | | TO | DC | | K | RX | OE18 | OSA | 1E18 | 1TF | DP | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|-----|--|----|------|----|------|------|------|------|------|------|------|------|------|-----|-----|-----|---|---|---|----|----|
| | . | 01 | DC | . | 04 | DX- | . | 05 | TOB | TO | . | . | . | . | . | . | . | . | . | . | |
| | 1SA | | TO | . | | D | . | | MN | OE18 | OSA | 1E18 | 1TF | | | | | | | | |
| | DP | | . | 01 | RX- | . | . | 03 | KD2 | K | . | 04 | DC- | . | 05 | TOB | | | | | |
| | TO | | . | | . | . | . | | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | | TO | . | DX | D | . | | RX | OE18 | OSA | 1E18 | 1TF | | 04 | DC- | | | | | |
| | . | 02 | KD3 | . | . | . | . | 01 | KB- | K- | . | 03 | MNA- | MN- | . | . | . | . | . | . | . |
| | . | 05 | TOB | . | TO | . | . | | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | | TO | . | DC | RX | . | 05 | OE18 | OSA | 1E18 | 1TF | DP | . | | | | | | 02 | |
| | DC | | . | 04 | DX- | . | . | | TOB | TO | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | | TO | . | DX | MN | . | 05 | OE18 | OSA | 1E18 | 1TF | DP | . | | | | | | 02 | |
| | RX- | | . | 03 | KD2 | D- | . | | . | 04 | DC- | . | 05 | TOB | TO | . | . | . | . | . | . |
| 140 | 1SA | | TO | . | DX | K | . | | MN | OE18 | OSA | 1E18 | 1TF | DP | | | | | | | |
| | . | 03 | KD2 | . | . | 01 | RX- | | . | 04 | DC- | 05 | TOB | TO | . | . | . | . | . | . | . |
| | 1SA | | TO | . | DC | D | . | | MN | OE18 | OSA | 1E18 | 1TF | DP | | | | | | | |
| | . | 03 | DC | . | . | 04 | DX | . | . | 05 | TOB | TO | . | . | . | . | . | . | . | . | . |
| | 1SA | | TO | . | DX | D | . | | RX | OE18 | OSA | 1E18 | 1TF | DP | | | | | | | |
| | . | 03 | MNA- | . | . | 01 | KB- | . | K- | . | 02 | KD3 | D | . | 04 | DC- | | | | | |
| | . | 05 | TOB | . | TO | . | . | | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | | TO | . | K | OE18 | . | | OSA | 1E18 | 1TF | DP | . | 05 | TOB | | | | | | |
| | . | 01 | RX- | . | . | . | . | | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 141 | DX or test, one side. Logic for one side DX is on boards 216, 217. | | | | | | | | | | | | | | | | | | | | |
| | OSA | | DO | . | OE18 | 1SA | 1E18 | 1TF | DX | . | 01 | . | . | . | . | . | . | . | . | . | . |
| | 1SA | | DX | . | OE18 | 1SA | 1E18 | 1TF | DX | . | 01 | . | . | . | . | . | . | . | . | . | . |
| 142 | DX and test, one side. | | | | | | | | | | | | | | | | | | | | |
| | 1SA | | DX | . | DO | OE18 | 1SA | 1E18 | OTF | DX | . | 01 | DO | . | . | . | . | . | . | . | . |
| 143 | DX or test, zero side. Logic for zero side DX is on board 216. | | | | | | | | | | | | | | | | | | | | |
| | OSA | | DX | . | OE18 | OSA | 1E18 | OTF | DX | . | 01 | . | . | . | . | . | . | . | . | . | . |
| | 1SA | | DO | . | OE18 | OSA | 1E18 | OTF | DX | . | 01 | . | . | . | . | . | . | . | . | . | . |
| 144 | DX and test, zero side. | | | | | | | | | | | | | | | | | | | | |
| | 1SA | | OE18 | . | 1SA | 1E18 | 1TF | DX | . | 01 | DO- | . | . | . | . | . | . | . | . | . | . |
| 145 | DSH or test, one side. Logic for one side DSH is on boards 215, 216. | | | | | | | | | | | | | | | | | | | | |
| | OSA | | TX | . | DSP | OE18 | 1SA | 1E18 | 1TF | DSH | . | 01 | . | . | . | . | . | . | . | . | . |
| | 1SA | | TO | . | B2 | DSH | X2 | S | OE18 | 1SA | 1E18 | 1TF | DSH | . | 02 | . | . | . | . | . | . |
| | DSH | | . | 01 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | OSA | | TO | . | B2 | X2 | OE18 | 1SA | 1E18 | 1TF | DSH | . | . | . | . | . | . | . | . | . | 02 |
| | 1SA | | TX | . | DSH | DSP | S | OE18 | 1SA | 1E18 | 1TF | DSH | . | . | . | . | . | . | . | . | . |
| | . | 02 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

| Tape stops | Marker number | | | | | | | | | | |
|------------|---------------|---|------|------|------|------|------|------|------|------|------|
| | 146 | DSH and test, one side. | | | | | | | | | |
| | | 1SA | TO | TX | DSH | DSP | X2 | OE18 | 1SA | 1E18 | OTF |
| | | DSH | . | 01 | XCT | . | . | . | . | . | . |
| | | 1SA | TX | DSH | DSP | X2 | S | OE18 | 1SA | 1E18 | OTF |
| | | DSH | . | 02 | X2 | . | . | . | . | . | . |
| | | 1SA | B2 | DSH | OE18 | 1SA | 1E18 | OTF | DSH | . | 02 |
| | | . | 01 | XCT | SA- | S- | . | . | . | . | S- |
| | | 1SA | TO | TX | DSH | DSP | S | OE18 | 1SA | 1E18 | OTF |
| | | DSH | . | 02 | TO | . | . | . | . | . | . |
| | 147 | DSH or test, zero side. Logic for zero side DSH is on board 215. | | | | | | | | | |
| | | OSA | B6 | B1 | DSH | OE18 | OSA | 1E18 | OTF | DSH | . |
| | | 1SA | B4 | B3 | B2 | TSO | X1 | OE18 | OSA | 1E18 | OTF |
| | | DSH | . | 01 | . | . | . | . | . | . | . |
| | | OSA | B6 | B4 | B3 | B2 | DSH | TSO | X1 | OE18 | OSA |
| | | 1E18 | OTF | DSH | . | 02 | . | . | . | . | . |
| | | 1SA | B1 | OE18 | OSA | 1E18 | OTF | DSH | . | 02 | . |
| | 148 | DSH and test, zero side. | | | | | | | | | |
| | | 1SA | B4 | B3 | B2 | TSO | OE18 | OSA | 1E18 | 1TF | DSH |
| | | . | 01 | X1- | . | 02 | T32 | TSO | . | . | . |
| | | 1SA | B6 | B3 | B2 | TSO | X1 | OE18 | OSA | 1E18 | 1TF |
| | | DSH | . | 01 | TOP | . | . | . | . | . | . |
| | | 1SA | B4 | B1 | TSO | X1 | OE18 | OSA | 1E18 | 1TF | DSH |
| | | . | 01 | BL1 | . | 02 | T32 | TSO | . | . | . |
| | | 1SA | B6 | B1 | TSO | OE18 | OSA | 1E18 | 1TF | DSH | . |
| | | T32 | . | . | . | . | . | . | . | . | 02 |
| | 149 | MN or test, one side. Logic for one side MN is on boards 210, 211, 212, 401, 402. | | | | | | | | | |
| | | OSA | C7 | C6 | RM | E5 | E3 | E1 | MMN | OE18 | 1SA |
| | | 1E18 | 1TF | MN | . | 01 | . | . | . | . | . |
| | | 1SA | CN4 | CN3 | C5 | MC | MN | CN2 | E2 | OE18 | 1SA |
| | | 1E18 | 1TF | MN | . | 01 | . | . | . | . | . |
| | | OSA | C7 | C6 | CN2 | RO | E2 | E5 | MMN | OE18 | 1SA |
| | | 1E18 | 1TF | MN | . | 02 | . | . | . | . | . |
| | | 1SA | CN4 | CN3 | C5 | MC | MN | E1 | E3 | E4 | OE18 |
| | | 1SA | 1E18 | 1TF | MN | . | 02 | . | . | . | . |
| | | OSA | CN4 | C7 | C6 | QM | E3 | E5 | MMN | OE18 | 1SA |
| | | 1E18 | 1TF | MN | . | 03 | . | . | . | . | . |
| | | 1SA | CN3 | C5 | MC | MN | . | CN2 | E1 | E2 | E4 |
| | | 1SA | 1E18 | 1TF | MN | . | 03 | . | . | . | OE18 |
| | | OSA | CN4 | C7 | C6 | CN2 | Q0 | E1 | E2 | E5 | MMN |
| | | OE18 | 1SA | 1E18 | 1TF | MN | . | 04 | . | . | . |
| | | 1SA | CN3 | C5 | MC | MN | E3 | E4 | OE18 | 1SA | 1E18 |
| | | 1TF | MN | . | 04 | . | . | . | . | . | . |

| | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| 150 | OSA | C7 | C6 | C5 | DO | E6 | E5 | MMN | E3 | E1 | |
| | OE18 | 1SA | 1E18 | 1TF | MN | . | 05 | . | . | . | |
| | 1SA | TX | CN4 | CN3 | MC | MN | CN2 | E2 | OE18 | 1SA | |
| | 1E18 | 1TF | MN | . | 05 | . | . | . | . | . | |
| | OSA | CN4 | C7 | C6 | C5 | A0 | E3 | E5 | MMN | OE18 | |
| | 1SA | 1E18 | 1TF | MN | . | 06 | . | . | . | . | |
| | 1SA | TX | CN3 | MC | MN | CN2 | E1 | E2 | E4 | OE18 | |
| | 1SA | 1E18 | 1TF | MN | . | 06 | . | . | . | . | |
| | OSA | CN4 | C7 | C6 | C5 | CN2 | L0 | E1 | E2 | E5 | |
| | MMN | OE18 | 1SA | 1E18 | 1TF | MN | . | . | . | . | |
| | 1SA | TX | CN3 | MC | MN | E3 | E4 | 07 | OE18 | 1SA | 1E18 |
| | 1TF | MN | . | 07 | . | . | . | . | . | . | |
| | OSA | CN4 | CN3 | C7 | C6 | C5 | N0 | E2 | E5 | MMN | |
| | OE18 | 1SA | 1E18 | 1TF | MN | . | . | . | . | . | |
| | 1SA | TX | MC | MN | CN2 | E1 | 08 | E3 | E4 | OE18 | 1SA |
| | 1E18 | 1TF | MN | . | 08 | . | . | . | . | . | |
| 151 | OSA | C6 | E5 | MMN | OE18 | 1SA | 1E18 | 1TF | MN | . | 09 |
| | 1SA | C7 | MC | MN | 1SF | MMN | OE18 | 1SA | 1E18 | 1TF | |
| | MN | . | 09 | . | . | . | . | . | . | . | |
| | OSA | C7 | E5 | MMN | OE18 | 1SA | 1E18 | 1TF | MN | . | 10 |
| | 1SA | C6 | MC | MN | 1SF | MMN | OE18 | 1SA | 1E18 | 1TF | |
| | MN | . | 10 | . | . | . | . | . | . | . | |
| | OSA | E | K | MC | 06 | 04 | A0 | E5 | MMN | OE18 | |
| | 1SA | 1E18 | 1TF | MN | . | 11 | . | . | . | . | |
| | 1SA | MN | 05 | 03 | 02 | 0E18 | 1SA | 1E18 | 1TF | MN | |
| | . | 11 | . | . | . | . | . | . | . | . | |
| | OSA | E | K | MC | 06 | N0 | E5 | MMN | OE18 | 1SA | |
| | 1E18 | 1TF | MN | . | 12 | . | . | . | . | . | |
| | 1SA | MN | 05 | 04 | 03 | 02 | OE18 | 1SA | 1E18 | 1TF | |
| | MN | . | 12 | . | . | . | . | . | . | . | |
| | OSA | E | K | MC | 06 | 04 | 02 | L0 | E5 | MMN | |
| | OE18 | 1SA | 1E18 | 1TF | MN | . | 13 | . | . | . | |
| | 1SA | MN | 05 | 03 | OE18 | 1SA | 1E18 | 1TF | MN | . | 13 |
| | OSA | E | K | MC | 06 | 02 | DO | E5 | MMN | OE18 | |
| | 1SA | 1E18 | 1TF | MN | . | 14 | . | . | . | . | |

Tape stops

Marker number

| | | | | | | | | | | | |
|-----|------------------------|------|-----|------|------|------|------|------|------|------|------|
| 152 | 1SA | MN | 05 | 04 | 03 | OE18 | 1SA | 1E18 | 1TF | MN | |
| | OSA | D | E | K | MC | 05 | 04 | 02 | NO | E5 | |
| | MMN | OE18 | 1SA | 1E18 | 1TF | MN | | 15 | | | |
| | 1SA | MN | 06 | 03 | OE18 | 1SA | 1E18 | 1TF | MN | | 15 |
| | OSA | E | K | MC | 05 | NO | E5 | MMN | OE18 | 1SA | |
| | 1E18 | 1TF | MN | 04 | 03 | TP | OE18 | 1SA | 1E18 | 1TF | |
| | 1SA | MN | 06 | 04 | 03 | TP | OE18 | 1SA | 1E18 | 1TF | |
| | MN | | | | | | | | | | |
| | OSA | E | K | MC | 05 | 04 | NO | E5 | MMN | OE18 | |
| | 1SA | 1E18 | 1TF | MN | 06 | 03 | OE18 | 1SA | 1E18 | 1TF | |
| | 1SA | D | MN | 06 | 03 | 02 | OE18 | 1SA | 1E18 | 1TF | |
| | MN | | | | | | | | | | |
| | OSA | E | K | MC | 06 | 05 | AO | E5 | MMN | OE18 | |
| | 1SA | 1E18 | 1TF | MN | 06 | 05 | AO | E5 | MMN | OE18 | |
| | 1SA | MN | 03 | 02 | OE18 | 1SA | 1E18 | 1TF | MN | | 18 |
| | OSA | MC | DO | E5 | MMN | OE18 | 1SA | 1E18 | 1TF | MN | |
| | 1SA | K | MN | OE18 | 1SA | 1E18 | 1TF | MN | | | 19 |
| 153 | MN and test, one side. | | | | | | | | | | |
| | 1SA | CN4 | CN3 | C7 | C6 | MC | MN | CN2 | 05 | 03 | |
| | 02 | DO | MMN | E2 | OE18 | 1SA | 1E18 | OTF | MN | | 01 |
| | CNU6 | | 09 | | 10 | | | | | | |
| | 1SA | C5 | MC | MN | 05 | 03 | 02 | RO | QO | QM | |
| | E6 | OE18 | 1SA | 1E18 | OTF | MN | | 01 | CNLO | 09 | C7- |
| | 1SA | C6- | | | | | | | | | |
| | 02 | TX | CN4 | CN3 | C5 | MC | MN | CN2 | 05 | 03 | |
| | 02 | RM | E1 | E3 | E4 | OE18 | 1SA | 1E18 | OTF | MN | |
| | C7- | CNL1 | CN2 | | C7- | | 10 | C6- | | | |
| | 1SA | | C6- | | | | | | | | |
| | E1 | CN4 | CN3 | C7 | C6 | MC | MN | 05 | 03 | 02 | |
| | CNU6 | E3 | E4 | MMN | OE18 | 1SA | 1E18 | OTF | MN | | 02 |
| | 1SA | C5 | MMN | | 10 | | | | | | |
| | E6 | 1SF | MC | MN | 05 | 03 | 02 | RM | QO | QM | |
| | | 09 | MMN | OE18 | 1SA | 1E18 | OTF | MN | | 02 | CNL1 |
| | | C7- | | 10 | C6- | | | | | | |
| 154 | 1SA | CN4 | CN3 | C5 | MC | MN | 05 | 03 | 02 | RO | |
| | E1 | E3 | E4 | 1SF | MMN | OE18 | 1SA | 1E18 | OTF | MN | |
| | | 02 | RO | 01 | CNLO | 09 | C7- | 10 | C6- | | |
| | 1SA | CN3 | C7 | C6 | MC | MN | CN2 | 05 | 04 | 03 | |
| | 02 | AO | E1 | E2 | E4 | MMN | OE18 | 1SA | 1E18 | OTF | |
| | MN | | 03 | CNU6 | | 09 | MMN | 10 | | | |

| | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|-----|------|
| | 1SA | C5 | MC | MN | 05 | 03 | 02 | RO | RM | Q0 | |
| | E6 | 1SF | MMN | OE18 | 1SA | 1E18 | OTF | MN | . | 03 | CNL4 |
| | . | 09 | C7- | . | 10 | C6- | . | . | . | . | . |
| | 1SA | TX | CN3 | C5 | MC | MN | CN2 | 05 | 03 | 02 | |
| | QM | E1 | E2 | E4 | 1SF | MMN | OE18 | 1SA | 1E18 | OTF | |
| | MN | . | CM | . | 01 | CNLO | . | 06 | CN7X | . | 09 |
| | C7- | . | CE- | . | . | . | . | . | . | . | . |
| 155 | 1SA | CN3 | C7 | C6 | MC | MN | 05 | 03 | 02 | L0 | |
| | E3 | E4 | MMN | OE18 | 1SA | 1E18 | OTF | MN | . | 04 | CNU6 |
| | . | 09 | MMN | . | 10 | MMN | . | . | . | . | . |
| | 1SA | C5 | MC | MN | 05 | 03 | 02 | RO | RM | QM | |
| | E6 | 1SF | MMN | OE18 | 1SA | 1E18 | OTF | MN | . | 04 | CNL5 |
| | . | 09 | C7- | . | 10 | C6- | . | . | . | . | . |
| | 1SA | TX | CN3 | C5 | MC | MN | 05 | 03 | 02 | Q0 | |
| | E3 | E4 | 1SF | MMN | OE18 | 1SA | 1E18 | OTF | MN | . | 04 |
| | Q0 | . | 07 | CN7X | C5A | C5 | 09 | C7- | 10 | C6- | |
| | 1SA | TX | CN4 | CN3 | C7 | MC | MN | CN2 | . | 03 | |
| | Q2 | MMN | E2 | OE18 | 1SA | 1E18 | OTF | MN | . | 05 | CN7X |
| | C7 | . | 09 | MMN | . | . | . | . | . | . | . |
| | 1SA | TX | CN4 | CN3 | C6 | MC | MN | CN2 | 05 | 03 | |
| | Q2 | MMN | E2 | OE18 | 1SA | 1E18 | OTF | MN | . | 05 | CN7X |
| | C6 | . | 10 | MMN | . | . | . | . | . | . | . |
| | 1SA | TX | CN4 | CN3 | C5 | MC | MN | CN2 | 05 | 03 | |
| | Q2 | RM | E2 | E4 | OE18 | 1SA | 1E18 | OTF | MN | . | 05 |
| | CN7X | C5A | . | RM | . | 09 | C7- | . | 10 | C6- | |
| | . | 10 | C6- | . | . | . | . | . | . | . | . |
| 156 | 1SA | CN4 | CN3 | MC | MN | CN2 | 05 | 03 | 02 | E2 | |
| | OE18 | 1SA | 1E18 | OTF | MN | . | 05 | CN7X | TX | . | 01 |
| | C5A- | C5- | . | 09 | C7- | 10 | C6- | . | . | . | CNU6 |
| | 1SA | CN4 | CN3 | MC | MN | CN2 | 05 | 03 | 02 | OSF | |
| | E6 | OE18 | 1SA | 1E18 | OTF | MN | . | 05 | CNLO | . | 09 |
| | . | 10 | C6- | . | . | . | . | . | . | . | C7- |
| | . | . | . | . | . | . | . | . | . | . | . |
| 157 | 1SA | TX | CN4 | CN3 | MC | MN | CN2 | 05 | 03 | 02 | |
| | DO | E1 | E2 | E4 | OE18 | 1SA | 1E18 | OTF | MN | . | 05 |
| | DO | . | 06 | CNL4 | . | 09 | C7- | . | . | . | . |
| | C6- | . | . | . | . | . | . | . | . | . | . |
| | 1SA | CN3 | C5 | MC | MN | CN2 | 05 | 03 | 02 | QM | |
| | E1 | E2 | E4 | OE18 | 1SA | 1E18 | OTF | MN | . | 06 | CN7X |
| | . | 03 | QM | . | . | . | . | . | . | . | . |
| | 1SA | TX | MC | MN | 05 | 03 | 02 | DO | LO | NO | |
| | E6 | OE18 | 1SA | 1E18 | OTF | MN | . | 06 | CNL4 | . | 09 |
| | . | 10 | C6- | . | . | . | . | . | . | . | C7- |
| | 1SA | TX | CN3 | MC | MN | CN2 | 05 | 04 | 03 | 02 | |
| | AO | E1 | E2 | E4 | OE18 | 1SA | 1E18 | OTF | MN | . | 06 |
| | AO | . | 03 | CNU6 | C5A- | C5- | 09 | C7- | . | 10 | C6- |
| | . | 10 | C6- | . | . | . | . | . | . | . | . |

| Tape stops | Marker number | | | | | | | | | | | |
|------------|---------------|------|------|------|------|------|------|------|------|------|------|--|
| | 158 | 1SA | CN3 | C5 | MC | MN | 05 | 03 | 02 | Q0 | E3 | |
| | | E4 | OE18 | 1SA | 1E18 | OTF | MN | . 07 | CN7X | . 04 | Q0 | |
| | | 1SA | TX | MC | MN | 05 | 03 | AO | DO | NO | E6 | |
| | | OE18 | 1SA | 1E18 | OTF | MN | . 07 | CNL5 | . 09 | C7- | . 10 | |
| | | C6- | . | . | . | . | . | . | . | . | . | |
| | | 1SA | TX | CN3 | MC | MN | 05 | 03 | 02 | LO | E3 | |
| | | E4 | OE18 | 1SA | 1E18 | OTF | MN | . 07 | LO | . 04 | CNU6 | |
| | | C5A- | C5- | . | C7- | . | C6- | . | . | . | . | |
| | | 1SA | C7 | C6 | MC | MN | CN2 | 05 | 03 | 02 | E1 | |
| | | E3 | E4 | MMN | OE18 | 1SA | 1E18 | OTF | MN | . 08 | CN7X | |
| | | . | 09 | MMN | 10 | MMN | . | . | . | . | . | |
| | | 1SA | TX | MC | MN | 05 | 04 | 03 | 02 | AO | DO | |
| | | LO | E6 | OE18 | 1SA | 1E18 | OTF | MN | . 08 | CNL6 | . 09 | |
| | | C7- | . | C6- | . | . | . | . | . | . | . | |
| | 159 | 1SA | TX | MC | MN | CN2 | 05 | 03 | 02 | NO | E1 | |
| | | E3 | E4 | OE18 | 1SA | 1E18 | OTF | MN | . 08 | NO | . 09 | |
| | | C7- | . | C6- | D | E | K | MN | AO | DO | LO | |
| | | 1SA | C7 | C6 | . | . | . | . | . | . | . | |
| | | NO | OSF | MMN | OE18 | 1SA | 1E18 | OTF | MN | . 10 | MC- | |
| | | . | 19 | DO | . | . | . | . | . | . | . | |
| | | 1SA | CN4 | CN3 | C5 | D | E | MN | CN2 | 03 | 02 | |
| | | DO | NO | RM | OE18 | 1SA | 1E18 | OTF | MN | . 11 | OW | |
| | | . | 18 | ORB | E | . | . | . | . | . | . | |
| | | 1SA | CN4 | CN3 | C5 | MN | CN2 | 05 | 04 | 03 | 02 | |
| | | DO | LO | NO | RM | OE18 | 1SA | 1E18 | OTF | MN | . 11 | |
| | | OL4 | . | NO | . | ORB | KO65 | 05 | . | . | . | |
| | | 1SA | CN4 | CN3 | C5 | MN | CN2 | 05 | 03 | 02 | AO | |
| | | RM | OE18 | 1SA | 1E18 | OTF | MN | . 11 | AO | . 12 | OLO | |
| | | 04B | 04- | . | 13 | 02 | . | 19 | KA- | . | . | |
| | 160 | 1SA | CN4 | CN3 | C5 | E | K | MN | CN2 | 04 | 03 | |
| | | 02 | AO | DO | RM | OE18 | 1SA | 1E18 | OTF | MN | . 12 | |
| | | OW | . | OD | . | . | . | . | . | . | . | |
| | | 1SA | CN4 | CN3 | C5 | MN | CN2 | 05 | 03 | 02 | AO | |
| | | DO | LO | RM | OE18 | 1SA | 1E18 | OTF | MN | . 12 | OLO | |
| | | . | 11 | AO | . | . | . | . | . | . | . | |
| | | 1SA | CN4 | CN3 | C5 | D | E | K | MN | CN2 | DO | |
| | | NO | RM | MMN | OE18 | 1SA | 1E18 | OTF | MN | . 13 | OW | |
| | | . | 19 | DO | . | . | . | . | . | . | . | |
| | | 1SA | 05 | 03 | 04 | DO | CN4 | CN3 | CN2 | C5 | MN | |
| | | RM | MMN | AO | NO | OE18 | 1SA | 1E18 | OTF | MN | . 13 | |
| | | 04 | . | OLO | 032- | 02- | DO | 05 | . | . | . | |
| | | 1SA | CN4 | CN3 | C5 | MN | CN2 | 05 | 03 | DO | LO | |
| | | RM | OE18 | 1SA | 1E18 | OTF | MN | . 13 | LO | . 11 | OL4 | |
| | | 032 | 02- | . | 14 | 04- | . | 19 | KA- | . | . | |

| | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|----|-----|------|----|-----|----|-----|-----|
| 161 | 1SA | CN4 | CN3 | C5 | E | MN | | CN2 | 04 | | NO | RM | | |
| | OE18 | 1SA | 1E18 | OTF | MN | | 14 | OW | . | 19 | KA- | K- | | |
| | 1SA | CN4 | CN3 | C5 | MN | | | 05 | 04 | | 03 | 02 | | |
| | NO | OE18 | 1SA | 1E18 | OTF | | | . | 02 | | . | 11 | OL4 | |
| | 04B | 04 | . | 12 | NO | | 18 | ORB | K065 | | . | 19 | KA- | |
| | K- | . | . | . | . | | | . | . | | . | . | . | |
| | 1SA | CN4 | CN3 | C5 | E | K | | MN | | | CN2 | AO | DO | |
| | LO | OE18 | 1SA | 1E18 | OTF | MN | | | . | 15 | OD | . | 19 | OD |
| | 1SA | CN4 | CN3 | C5 | D | MN | | | CN2 | | 06 | 03 | TP | |
| | OE18 | 1SA | 1E18 | OTF | MN | | 15 | D | . | | . | 16 | OM | 04- |
| | . | 17 | 02- | 19 | KA- | K- | | . | . | | . | . | . | NO |
| | 1SA | CN4 | CN3 | C5 | MN | | | 06 | 03 | | 02 | . | . | . |
| | OE18 | 1SA | 1E18 | OTF | MN | | 15 | NO | . | 17 | NO | . | . | . |
| | . | 18 | ORB | 06 | . | | 19 | KA- | K- | | . | . | . | TP |
| | 1SA | CN4 | CN3 | C5 | D | E | | K | | | CN2 | . | 16 | OM |
| | AO | DO | LO | OE18 | 1SA | 1E18 | | OTF | MN | | . | . | . | . |
| | . | 19 | OD | . | . | . | | . | . | | . | . | . | . |
| 162 | 1SA | CN4 | CN3 | C5 | MN | CN2 | | 06 | 04 | | 03 | 02 | | |
| | OE18 | 1SA | 1E18 | OTF | MN | | 16 | TP- | . | 15 | OD | 04 | | |
| | . | 17 | 04 | . | 18 | ORB | | 06 | . | 19 | KA- | K- | | |
| | 1SA | CN4 | CN3 | C5 | MN | | | 06 | 04 | | 03 | 02 | | |
| | TP | NO | OE18 | 1SA | 1E18 | | 19 | OTF | MN | | NO | . | | |
| | . | 18 | ORB | 06 | . | | | KA- | K- | | . | . | | |
| | 1SA | CN4 | CN3 | C5 | D | E | | K | | | CN2 | 02 | | |
| | AO | DO | RM | OE18 | 1SA | 1E18 | | OTF | MN | | . | 17 | OD | |
| | 1SA | CN4 | CN3 | C5 | D | E | | K | | | CN2 | DO | | |
| | LO | NO | RM | OE18 | 1SA | 1E18 | | OTF | MN | | . | 18 | ORB | |
| | . | 19 | OD | . | . | . | | . | . | | . | . | . | |
| | 1SA | CN4 | CN3 | C5 | MN | CN2 | | 04 | 03 | | 02 | TP | | |
| | AO | RM | OE18 | 1SA | 1E18 | OTF | | MN | . | 18 | AO | . | | |
| | OW | 05A- | 05- | . | 16 | OM | | 06- | . | 19 | KA- | . | | |
| | 1SA | CN4 | CN3 | C5 | D | E | | MN | CN2 | | AO | LO | | |
| | NO | RM | OE18 | 1SA | 1E18 | OTF | | MN | . | 19 | KA- | . | | |
| | 1SA | C7 | C6 | K | MC | MN | | AO | LO | | NO | RO | | |
| | RM | QO | QM | E6 | MMN | OE18 | | 1SA | 1E18 | | OTF | MN | | |
| | . | 19 | MC | . | 09 | MMN | | . | . | | . | . | | |

Tape stops

Marker number

| Marker number | MN or test, zero side. Logic for zero side MN is on boards 209, 210, 211, 212. | | | | | | | | | | |
|---------------|--|------|------|------|------|------|------|------|------|------|------|
| 163 | OSA | C7 | C6 | MN | E5 | E3 | E1 | MMN | OE18 | OSA | |
| | 1E18 | OTF | MN | 01 | . | . | . | . | . | . | . |
| | 1SA | TX | CN4 | CN3 | C5 | MC | CN2 | RM | E2 | OE18 | |
| | OSA | 1E18 | OTF | MN | 01 | . | . | . | . | . | . |
| | OSA | C7 | C6 | MN | CN2 | E2 | E5 | MMN | OE18 | OSA | |
| | 1E18 | OTF | MN | 02 | . | . | . | . | . | . | . |
| | 1SA | TX | CN4 | CN3 | C5 | MC | RO | E1 | E3 | E4 | |
| | OE18 | OSA | 1E18 | OTF | MN | 02 | . | . | . | . | . |
| | OSA | CN4 | C7 | C6 | MN | E3 | E5 | MMN | OE18 | OSA | |
| | 1E18 | OTF | MN | 03 | . | . | . | . | . | . | . |
| | 1SA | TX | CN3 | C5 | MC | CN2 | QM | E1 | E2 | E4 | |
| | OE18 | OSA | 1E18 | OTF | MN | 03 | . | . | . | . | . |
| | OSA | CN4 | C7 | C6 | MN | CN2 | E1 | E2 | E5 | MMN | |
| | OE18 | OSA | 1E18 | OTF | MN | 04 | . | . | . | . | . |
| 1SA | TX | CN3 | C5 | MC | QO | E3 | E4 | OE18 | OSA | | |
| 1E18 | OTF | MN | 04 | . | . | . | . | . | . | . | |
| 164 | OSA | C7 | C6 | C5 | MN | E5 | E3 | E1 | MMN | OE18 | |
| | OSA | 1E18 | OTF | MN | 05 | . | . | . | . | . | . |
| | 1SA | TX | CN4 | CN3 | CN2 | MC | DO | E2 | OE18 | OSA | |
| | 1E18 | OTF | MN | 05 | . | . | . | . | . | . | . |
| | OSA | CN4 | C7 | C6 | C5 | MN | E3 | E5 | MMN | OE18 | |
| | OSA | 1E18 | OTF | MN | 06 | . | . | . | . | . | . |
| | 1SA | TX | CN3 | MC | CN2 | AO | E1 | E2 | E4 | OE18 | |
| | OSA | 1E18 | OTF | MN | 06 | . | . | . | . | . | . |
| | OSA | CN4 | C7 | C6 | C5 | MN | CN2 | E1 | E2 | E5 | |
| | MMN | OE18 | OSA | 1E18 | OTF | 07 | . | . | . | . | . |
| | 1SA | TX | CN3 | MC | LO | E3 | E4 | OE18 | OSA | 1E18 | |
| | OTF | MN | 07 | . | . | . | . | . | . | . | . |
| | OSA | CN4 | CN3 | C7 | C6 | C5 | MN | E2 | E5 | MMN | |
| | OE18 | OSA | 1E18 | OTF | MN | 08 | . | . | . | . | . |
| 165 | 1SA | TX | MC | CN2 | NO | E1 | E3 | E4 | OE18 | OSA | |
| | 1E18 | OTF | MN | 08 | . | . | . | . | . | . | . |
| | OSA | C6 | MN | E5 | OE18 | OSA | 1E18 | OTF | MN | . | 09 |
| | 1SA | TX | MMN | C7 | MC | OE18 | OSA | 1E18 | OTF | MN | |
| | OSA | 09 | C7 | MN | E5 | OE18 | OSA | 1E18 | OTF | MN | . |
| | 1SA | TX | MMN | C6 | MC | OE18 | OSA | 1E18 | OTF | MN | 10 |
| | OSA | 10 | E | K | MC | MN | 06 | 04 | E5 | MMN | OE18 |
| | OSA | 1E18 | OTF | MN | 11 | . | . | . | . | . | . |
| | 1SA | TX | 05 | 03 | 02 | AO | OE18 | OSA | 1E18 | OTF | |
| | MN | 11 | . | . | . | . | . | . | . | . | . |
| | OSA | E | K | MC | MN | 06 | E5 | MMN | OE18 | OSA | |

| | | | | | | | | | | | | |
|-----|-------------------------|------|------|------|------|------|------|------|------|------|-----|------|
| | 1E18 | OTF | MN | . | 12 | . | . | . | . | 1E18 | OSA | 1E18 |
| | 1SA | TX | 05 | 04 | 03 | 02 | NO | OE18 | OSA | 1E18 | | |
| | OTF | MN | . | 12 | . | . | . | . | . | . | . | . |
| | OSA | E | K | MC | MN | 06 | 04 | 02 | E5 | MMN | | |
| | OE18 | OSA | 1E18 | OTF | MN | . | . | . | . | . | . | . |
| | 1SA | TX | 05 | 03 | LO | OE18 | 13 | OSA | 1E18 | OTF | MN | |
| | . | 13 | . | . | . | . | . | . | . | . | . | . |
| 166 | OSA | E | K | MC | MN | 06 | 02 | E5 | MMN | OE18 | | |
| | OSA | 1E18 | OTF | MN | 14 | . | . | . | . | . | . | . |
| | 1SA | TX | 05 | 04 | 03 | DO | OE18 | OSA | 1E18 | OTF | | |
| | MN | . | 14 | . | . | . | . | . | . | . | . | . |
| | OSA | E | K | MC | MN | 05 | E5 | MMN | OE18 | OSA | | |
| | 1E18 | OTF | MN | . | 15 | . | . | . | . | . | . | . |
| | 1SA | TX | 06 | 03 | TP | NO | OE18 | OSA | 1E18 | OTF | | |
| | MN | . | 15 | . | . | . | . | . | . | . | . | . |
| | 1SA | TX | 03 | 02 | AO | OE18 | OSA | 1E18 | OTF | MN | | |
| | . | 16 | . | . | . | . | . | . | . | . | . | . |
| | OSA | E | K | MC | MN | 06 | 05 | E5 | MMN | OE18 | | |
| | OSA | 1E18 | OTF | MN | 16 | . | . | . | . | . | . | . |
| | OSA | MC | MN | E5 | MMN | OE18 | OSA | 1E18 | OTF | MN | | |
| | . | 17 | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TX | K | DO | OE18 | OSA | 1E18 | OTF | MN | . | 17 | |
| | OSA | TX | MN | 03 | TP | AO | DO | LO | NO | RO | | |
| | RM | QO | QM | E4 | E5 | MMN | OE18 | OSA | 1E18 | OTF | | |
| | MN | . | 18 | . | . | . | . | . | . | . | . | . |
| | 1SA | E | E6 | OSF | MMN | OE18 | OSA | 1E18 | OTF | MN | | |
| | . | 18 | . | . | . | . | . | . | . | . | . | . |
| 167 | MN and test, zero side. | | | | | | | | | | | |
| | 1SA | TX | CN4 | CN3 | C7 | C6 | MC | CN2 | 05 | 03 | | |
| | 02 | AO | RM | E2 | 1SF | MMN | OE18 | OSA | 1E18 | 1TF | | |
| | MN | . | 01 | CNU6 | . | 09 | MMN- | . | 18 | TXC | TX | |
| | 1SA | TX | C5 | MC | 05 | 03 | 02 | AO | 09 | RM | E6 | 10 |
| | OE18 | OSA | 1E18 | 1TF | MN | . | 01 | CNLO | . | C7- | . | |
| | C6- | . | 18 | TXC | TX | . | . | . | . | . | . | . |
| | 1SA | TX | CN4 | CN3 | C5 | MC | CN2 | 05 | 03 | 02 | | |
| | AO | DO | RO | E2 | E4 | OE18 | OSA | 1E18 | 1TF | MN | | |
| | . | 01 | RM- | 05 | CN7X | C5A | . | 09 | C7- | 10 | C6- | |
| | . | 18 | TXC | TX | . | . | . | . | . | . | . | . |
| | 1SA | TX | CN4 | CN3 | C7 | C6 | MC | 05 | 03 | 02 | | |
| | AO | RO | E1 | E3 | E4 | 1SF | MMN | OE18 | OSA | 1E18 | | |
| | 1TF | MN | . | 02 | CNU6 | . | 09 | MMN- | . | 18 | TXC | |
| | TX | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TX | C5 | MC | 05 | 03 | 02 | AO | RO | E6 | | |
| | OE18 | OSA | 1E18 | 1TF | MN | . | 02 | CNL1 | . | 09 | C7- | 10 |
| | C6- | . | 18 | TXC | TX | . | . | . | . | . | . | . |

| Tape stops | Marker number | | | | | | | | | | | |
|------------|---------------|------|---------|---------|---------|---------|---------|---------|---------|---------|--------|----|
| | 168 | 1SA | TX | CN4 | CN3 | C5 | MC | 05 | 03 | 02 | A0 | |
| | | RM | E1 | E3 | E4 | OE18 | OSA | 1E18 | 1TF | MN | . | 02 |
| | | RO- | . | 09 C7- | . | 10 C6- | . | 18 TXC | TX | . | . | |
| | | TX | . | . | . | . | . | . | . | . | . | |
| | | 1SA | TX | CN3 | C7 | C6 | MC | CN2 | 05 | 04 | 03 | |
| | | 02 | NO | QM | E1 | E2 | E4 | 1SF | MMN | OE18 | OSA | |
| | | 1E18 | 1TF | MN | . | 03 CNU6 | . | 09 MMN- | . | 10 MMN- | . | 18 |
| | | TXC | TX | . | . | . | . | . | . | . | . | |
| | | 1SA | TX | C5 | MC | 05 | 03 | 02 | A0 | QM | E6 | 10 |
| | | OE18 | OSA | 1E18 | 1TF | MN | . | 03 CNL4 | . | 09 C7- | . | |
| | | C6- | . | 18 TXC | TX | . | . | . | . | . | . | |
| | | 1SA | TX | CN3 | C5 | MC | CN2 | 05 | 03 | 02 | A0 | |
| | | RM | E1 | E2 | E4 | OE18 | OSA | 1E18 | 1TF | MN | . | 03 |
| | | QM- | . | 01 CNL0 | CN4- | . | 06 CN7X | C5A | C5 | . | 09 C7- | |
| | | . | 10 C6- | . | 18 TXC | TX | . | . | . | . | . | |
| | 169 | 1SA | TX | CN3 | C7 | C6 | MC | 05 | 03 | 02 | A0 | |
| | | Q0 | E3 | E4 | 1SF | MMN | OE18 | OSA | 1E18 | 1TF | MN | |
| | | . | 04 CNU6 | . | 09 MMN- | . | 10 MMN- | . | 18 TXC | TX | . | |
| | | 1SA | TX | C5 | MC | 05 | 03 | 02 | A0 | Q0 | E6 | 10 |
| | | OE18 | OSA | 1E18 | 1TF | MN | . | 04 CNL5 | . | 09 C7- | . | |
| | | C6- | . | 18 TXC | TX | . | . | . | . | . | . | |
| | | 1SA | TX | CN3 | C5 | MC | 05 | 03 | 02 | A0 | L0 | |
| | | E3 | E4 | OE18 | OSA | 1E18 | 1TF | MN | . | 04 Q0- | . | 07 |
| | | CN7X | C5A | C5 | . | 09 C7- | . | 10 C6- | . | 18 TXC | TX | |
| | | 1SA | TX | CN4 | CN3 | C7 | C6 | MC | CN2 | 05 | 03 | |
| | | 02 | AO | DO | E2 | 1SF | MMN | OE18 | OSA | 1E18 | 1TF | |
| | | MN | . | 05 CN7X | . | 09 MMN- | . | 10 MMN- | . | 18 TXC | TX | |
| | | 1SA | TX | MC | 05 | 04 | 03 | DO | E6 | OE18 | OSA | |
| | | 1E18 | 1TF | MN | . | 05 CNL0 | . | 09 C7- | . | 10 C6- | . | 18 |
| | | TXC | TX | . | . | . | . | . | . | . | . | |
| | | 1SA | TX | CN4 | CN3 | MC | CN2 | 05 | 03 | 02 | A0 | |
| | | RM | E1 | E2 | E4 | OE18 | 1SA | 1E18 | 1TF | MN | . | 05 |
| | | DO- | . | 06 CNL4 | CN4 | . | 09 C7- | . | 10 C6- | . | 18 TXC | |
| | | TX | . | . | . | . | . | . | . | . | . | |
| | 170 | 1SA | TX | CN3 | C7 | C6 | MC | CN2 | 05 | 03 | 02 | |
| | | AO | E1 | E2 | E4 | 1SF | MMN | OE18 | OSA | 1E18 | 1TF | |
| | | MN | . | 06 CN7X | . | 09 MMN- | . | 18 . | 10 MMN- | TXC | TX | |
| | | 1SA | TX | MC | 05 | 03 | 02 | AO | E6 | OE18 | OSA | |
| | | 1E18 | 1TF | MN | . | 06 CNL4 | . | 09 C7- | . | 10 C6- | . | 18 |
| | | TXC | TX | . | . | . | . | . | . | . | . | |
| | | 1SA | TX | CN3 | MC | CN2 | 05 | 04 | 03 | 02 | DO | |
| | | NO | QM | E1 | E2 | E4 | OE18 | OSA | 1E18 | 1TF | MN | |
| | | . | 06 AO- | . | 03 CNU6 | C5A- | C5- | . | 09 C7- | . | 10 C6- | |

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|-----|------------------------|------|------|------|------|------|------|------|------|------|------|---|---|
| | 1SA | 1E18 | 1TF | MP | . | 03 | . | . | . | . | . | . | . |
| | 1SA | CP5 | CP3 | CP2 | MP | . | XR | E1 | E2 | E4 | OE18 | . | . |
| | 1SA | 1E18 | 1TF | MP | . | 04 | . | . | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP4 | CP2 | . | CP76 | Q0 | E1 | E2 | E5 | . | . |
| | MMP | OE18 | 1SA | 1E18 | 1TF | . | MP | . | 04 | . | . | . | . |
| 177 | 1SA | CP5 | CP3 | MP | XR | E3 | E4 | OE18 | 1SA | 1E18 | . | . | . |
| | 1TF | MP | . | 04 | . | . | . | . | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP5 | CP76 | DO | E1 | E3 | E5 | MMP | . | . | . |
| | OE18 | 1SA | 1E18 | 1TF | MP | . | . | . | . | . | . | . | . |
| | 1SA | CP4 | CP3 | CP2 | MP | XR | 05 | E2 | OE18 | 1SA | 1E18 | . | . |
| | 1TF | MP | . | 05 | . | . | . | . | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP5 | CP4 | CP76 | AO | E3 | E5 | MMP | . | . | . |
| | OE18 | 1SA | 1E18 | 1TF | MP | . | . | . | . | . | . | . | . |
| | 1SA | CP3 | CP2 | MP | XR | E1 | 06 | E2 | E4 | OE18 | 1SA | . | . |
| | 1E18 | 1TF | MP | . | 06 | . | . | . | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP5 | CP4 | CP2 | CP76 | LO | E1 | E2 | . | . | . |
| | E5 | MMP | OE18 | 1SA | 1E18 | 1TF | MP | . | 07 | . | . | . | . |
| | 1SA | CP3 | MP | XR | E3 | E4 | OE18 | 1SA | 1E18 | 1TF | . | . | . |
| | MP | . | 07 | . | . | . | . | . | . | . | . | . | . |
| 178 | OSA | CP7 | CP6 | CP5 | CP4 | CP3 | CP76 | NO | E2 | E5 | . | . | . |
| | MMP | OE18 | 1SA | 1E18 | 1TF | MP | . | 08 | . | . | . | . | . |
| | 1SA | CP2 | MP | XR | E1 | E3 | E4 | OE18 | 1SA | 1E18 | . | . | . |
| | 1TF | MP | . | 08 | . | . | . | . | . | . | . | . | . |
| | OSA | E4 | E5 | MMP | OE18 | 1SA | 1E18 | 1TF | MP | . | 09 | . | . |
| | 1SA | CP7 | CP6 | CP76 | MP | XR | AO | DO | LO | NO | . | . | . |
| | RO | RM | Q0 | QM | E6 | 1SF | MMP | OE18 | 1SA | 1E18 | . | . | . |
| | 1TF | MP | . | 09 | . | . | . | . | . | . | . | . | . |
| | OSA | XR | X0 | E5 | MMP | OE18 | 1SA | 1E18 | 1TF | MP | . | . | . |
| | . | 10 | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | MP | OE18 | 1SA | 1E18 | 1TF | MP | . | 10 | . | . | . | . |
| 179 | MP and test, one side. | | | | | | | | | | | | |
| | 1SA | CP7 | CP6 | CP4 | CP3 | CP2 | MP | XR | DO | MMP | . | . | . |
| | E2 | OE18 | 1SA | 1E18 | OTF | MP | . | 01 | CPU6 | 10 | XR | . | . |
| | 1SA | CP5 | MP | XR | RO | Q0 | QM | E6 | OE18 | 1SA | . | . | . |
| | 1E18 | OTF | MP | . | 01 | CPL0 | . | 10 | XR | . | . | . | . |
| | 1SA | CP5 | CP4 | CP3 | CP2 | MP | XR | RM | E2 | E4 | . | . | . |
| | OE18 | 1SA | 1E18 | OTF | MP | . | 01 | RM | 05 | CPU7 | CP5 | . | . |
| | . | 10 | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | CP7 | CP6 | CP4 | CP3 | MP | XR | E1 | E3 | E4 | . | . | . |
| | MMP | OE18 | 1SA | 1E18 | OTF | MP | . | 02 | CPU6 | 10 | XR | . | . |
| | 1SA | CP5 | MP | XR | RM | Q0 | QM | E6 | OE18 | 1SA | . | . | . |
| | 1E18 | OTF | MP | . | 02 | CPL1 | . | 10 | XR | . | . | . | . |
| | 1SA | CP5 | CP4 | CP3 | MP | XR | RO | E1 | E3 | E4 | . | . | . |
| | OE18 | 1SA | 1E18 | OTF | MP | . | 02 | RO | 10 | XR | . | . | . |
| | . | 10 | . | . | . | . | . | . | . | . | . | . | . |

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|-----|--|------|----------|------|-------|------|--------|------|-------|------|
| 183 | 1SA | CP2 | MP | XR | NO | E1 | E3 | E4 | OE18 | 1SA |
| | 1E18 | OTF | MP | . | 08 NO | . | 10 XR | . | . | . |
| | 1SA | CP7 | CP6 | MP | XR | AO | DO | LO | NO | RO |
| | RM | QO | QM | E6 | OSF | MMP | OE18 | 1SA | 1E18 | OTF |
| | MP | . | 09 CP76- | . | 10 XR | . | . | . | . | . |
| | 1SA | CP7 | CP6 | CP76 | MP | XR | AO | DO | LO | NO |
| | RO | RM | QO | QM | E6 | MMP | OE18 | 1SA | 1E18 | OTF |
| | MP | . | 09 MMP | . | 10 XR | . | . | . | . | . |
| | 1SA | CP5 | CP4 | CP3 | CP2 | CP76 | MP | XO | 1SF | MMN |
| | OE18 | 1SA | 1E18 | OTF | MP | . | 09 XR- | . | 10 XO | . |
| 184 | MP or test, zero side. Logic for zero side MP is on boards 341, 441. | | | | | | | | | |
| | OSA | CP7 | CP6 | CP76 | MP | E1 | E3 | E5 | MMP | OE18 |
| | OSA | 1E18 | OTF | MP | 01 | . | . | . | . | . |
| | 1SA | CP5 | CP4 | CP3 | CP2 | XR | RM | E2 | OE18 | OSA |
| | 1E18 | OTF | MP | . | 01 | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP2 | CP76 | MP | E2 | E5 | MMP | OE18 |
| | OSA | 1E18 | OTF | MP | . | 02 | . | . | . | . |
| | 1SA | CP5 | CP4 | CP3 | XR | RO | E1 | E3 | E4 | OE18 |
| | OSA | 1E18 | OTF | MP | . | 02 | . | . | . | . |
| | OSA | CP7 | CP6 | CP4 | CP76 | MP | E3 | E5 | MMP | OE18 |
| | OSA | 1E18 | OTF | MP | . | 03 | . | . | . | . |
| | 1SA | CP5 | CP3 | CP2 | XR | QM | E1 | E2 | E4 | OE18 |
| | OSA | 1E18 | OTF | MP | . | 03 | . | . | . | . |
| | OSA | CP7 | CP6 | CP4 | CP2 | CP76 | MP | E1 | E2 | E5 |
| | MMP | OE18 | OSA | 1E18 | OTF | MP | . | 04 | . | . |
| 185 | 1SA | CP5 | CP3 | XR | QO | E3 | E4 | OE18 | OSA | 1E18 |
| | OTF | MP | . | 04 | . | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP5 | CP76 | MP | E5 | E3 | E1 | MMP |
| | OE18 | OSA | 1E18 | OTF | MP | . | 05 | . | . | . |
| | 1SA | CP4 | CP3 | CP2 | XR | DO | E2 | OE18 | OSA | 1E18 |
| | OTF | MP | . | 05 | . | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP5 | CP4 | CP76 | MP | E3 | E5 | MMP |
| | OE18 | OSA | 1E18 | OTF | MP | . | 05 | . | . | . |
| | 1SA | CP3 | CP2 | XR | AO | E1 | E2 | E4 | OE18 | OSA |
| | 1E18 | OTF | MP | . | . | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP5 | CP4 | CP76 | MP | E3 | E5 | MMP |
| | OE18 | OSA | 1E18 | OTF | MP | . | 05 | . | . | . |
| | 1SA | CP3 | CP2 | XR | AO | E1 | E2 | E4 | OE18 | OSA |
| | 1E18 | OTF | MP | . | . | . | . | . | . | . |
| | OSA | CP7 | CP6 | CP5 | CP4 | CP76 | MP | E3 | E5 | MMP |
| | E5 | MMP | OE18 | OSA | 1E18 | OTF | MP | . | 07 | . |
| | 1SA | CP3 | XR | LO | E3 | E4 | OE18 | OSA | 1E18 | OTF |
| | MP | . | 07 | . | . | . | . | . | . | . |

| Tape stops | Marker number | | | | | | | | | | | |
|------------|---------------|-------------------------|------|------|------|------|------|------|------|------|------|------|
| | 186 | OSA | CP7 | CP6 | CP5 | CP4 | CP3 | CP76 | MP | E2 | E5 | |
| | | MMP | OE18 | OSA | 1E18 | OTF | MP | 08 | OE18 | OSA | 1E18 | |
| | | 1SA | CP2 | XR | NO | E1 | E3 | E4 | OE18 | OSA | 1E18 | |
| | | OTF | MP | . | 08 | . | . | . | . | . | . | |
| | | OSA | MP | A0 | DO | LO | NO | RO | RM | Q0 | QM | |
| | | E4 | E5 | OE18 | OSA | 1E18 | OTF | MP | 09 | OSA | 1E18 | |
| | | 1SA | CP7 | MMP | CP6 | CP76 | XR | E6 | OE18 | OSA | 1E18 | |
| | | OTF | MP | . | 09 | . | . | . | . | . | . | |
| | | OSA | MP | XR | OSF | E5 | MMP | OE18 | OSA | 1E18 | OTF | |
| | | MP | . | 10 | . | . | . | . | . | . | . | |
| | | 1SA | X0 | OE18 | OSA | 1E18 | OTF | MP | . | 10 | . | |
| | 187 | MP and test, zero side. | | | | | | | | | | |
| | | 1SA | CP7 | CP6 | CP4 | CP3 | CP2 | XR | RM | X0 | E2 | |
| | | 1SF | MMP | OE18 | OSA | 1E18 | 1TF | MP | . | 01 | CPU6 | 10 |
| | | XR | . | . | . | . | . | . | . | . | . | |
| | | 1SA | CP5 | XR | RM | X0 | E6 | OE18 | OSA | 1E18 | 1TF | |
| | | MP | . | 01 | CPL0 | XR | . | . | . | . | . | |
| | | 1SA | CP5 | CP4 | CP3 | CP2 | XR | DO | RC | X0 | E2 | |
| | | E4 | OE18 | OSA | 1E18 | 1TF | MP | . | 01 | RM- | 05 | CPU7 |
| | | CP5 | . | 10 | XR | . | . | . | . | . | . | |
| | | 1SA | CP7 | CP6 | CP4 | CP3 | XR | RO | X0 | E1 | E3 | |
| | | E4 | 1SF | MMP | OE18 | OSA | 1E18 | 1TF | MP | . | 02 | CPU6 |
| | | . | 10 | XR | . | . | . | . | . | . | . | |
| | | 1SA | CP5 | XR | RO | X0 | E6 | OE18 | OSA | 1E18 | 1TF | |
| | | MP | . | 02 | CPL1 | XR | . | . | . | . | . | |
| | | 1SA | CP5 | CP4 | CP3 | XR | RM | X0 | E1 | E3 | E4 | |
| | | OE18 | OSA | 1E18 | 1TF | MP | . | 02 | RO- | . | 01 | CPL0 |
| | | XR | . | . | . | . | . | . | . | . | . | 10 |
| | 188 | 1SA | CP7 | CP6 | CP3 | CP2 | XR | QM | X0 | E1 | E2 | |
| | | E4 | 1SF | MMP | OE18 | OSA | 1E18 | 1TF | MP | . | 03 | CPU6 |
| | | . | 10 | XR | . | . | . | . | . | . | . | |
| | | 1SA | CP5 | XR | QM | X0 | E6 | OE18 | OSA | 1E18 | 1TF | |
| | | MP | . | 03 | CPL4 | XR | . | . | . | . | . | |
| | | 1SA | CP5 | CP3 | CP2 | XR | AO | RM | X0 | E1 | E2 | |
| | | E4 | OE18 | OSA | 1E18 | 1TF | MP | . | 03 | QM- | 06 | CPU7 |
| | | CP5 | . | 10 | XR | . | . | . | . | . | . | |
| | | 1SA | CP7 | CP6 | CP3 | XR | Q0 | X0 | E3 | E4 | 1SF | |
| | | MMP | OE18 | OSA | 1E18 | 1TF | MP | . | 04 | CPU6 | 10 | XR |
| | | 1SA | CP5 | XR | Q0 | X0 | E6 | OE18 | OSA | 1E18 | 1TF | |
| | | MP | . | 04 | CPL5 | XR | . | . | . | . | . | |
| | | 1SA | CP5 | CP3 | XR | LO | X0 | E3 | E4 | OE18 | OSA | |
| | | 1E18 | 1TF | MP | . | 04 | Q0- | . | 07 | CPU7 | CP5 | 10 |

| | | | | | | | | | | | |
|-----|------|---------|-------|----------|-------|---------|--------|---------|---------|-------|----|
| 189 | 1SA | CP7 | CP6 | CP4 | CP3 | CP2 | XR | DO | X0 | E2 | |
| | 1SF | MMP | OE18 | OSA | 1E18 | 1TF | MP | . | 05 CPU7 | . | 10 |
| | XR | . | . | . | . | . | . | . | . | . | . |
| | 1SA | XR | DO | X0 | E6 | OE18 | OSA | 1E18 | 1TF | MP | . |
| | . | 05 CPL0 | 10 XR | . | . | . | . | . | . | . | . |
| | 1SA | CP4 | CP3 | CP2 | XR | AO | RM | X0 | E2 | E4 | . |
| | OE18 | OSA | 1E18 | 1TF | MP | . | 05 DO- | . | 01 CPU6 | CP5- | . |
| | . | 10 XR | . | . | . | . | . | . | . | . | . |
| | 1SA | CP7 | CP6 | CP3 | CP2 | XR | AO | X0 | E1 | E2 | . |
| | E4 | OE18 | OSA | 1E18 | 1TF | MP | . | 06 CPU7 | . | 10 XR | . |
| | 1SA | XR | AO | X0 | E6 | OE18 | OSA | 1E18 | 1TF | MP | . |
| | . | 06 CPL4 | 10 XR | . | . | . | . | . | . | . | . |
| | 1SA | CP3 | CP2 | XR | DO | QM | X0 | E1 | E2 | E4 | . |
| | OE18 | OSA | 1E18 | 1TF | MP | . | 06 AO- | . | 03 CPU6 | CP5- | . |
| | . | 05 CPL0 | CP4- | . | 10 XR | . | . | . | . | . | . |
| 190 | 1SA | CP7 | CP6 | CP3 | XR | LO | X0 | E3 | E4 | OE18 | . |
| | OSA | 1E18 | 1TF | MP | . | 07 CPU7 | . | 10 XR | . | . | . |
| | 1SA | XR | LO | X0 | E6 | OE18 | OSA | 1E18 | 1TF | MP | . |
| | . | 07 CPL5 | 10 XR | . | . | . | . | . | . | . | . |
| | 1SA | CP3 | XR | Q0 | X0 | E3 | E4 | OE18 | OSA | 1E18 | . |
| | 1TF | MP | . | 07 LO- | . | 04 CPU6 | CP5- | . | 10 XR | . | . |
| | 1SA | CP7 | CP6 | CP2 | XR | NO | X0 | E1 | E3 | E4 | . |
| | 1SF | MMP | OE18 | OSA | 1E18 | 1TF | MP | . | 08 CPU7 | . | 10 |
| | XR | . | . | . | . | . | . | . | . | . | . |
| | 1SA | XR | NO | X0 | E6 | OE18 | OSA | 1E18 | 1TF | MP | . |
| | . | 08 CPL6 | 10 XR | . | . | . | . | . | . | . | . |
| | 1SA | CP2 | XR | X0 | E1 | E3 | E4 | OE18 | OSA | 1E18 | . |
| | 1TF | MP | . | 08 NO- | . | 10 XR | . | . | . | . | . |
| | 1SA | CP7 | CP6 | XR | X0 | E6 | MMP | OE18 | OSA | 1E18 | . |
| | 1TF | MP | . | 09 CP76- | . | 10 XR | . | . | . | . | . |
| | 1SA | CP7 | CP6 | CP76 | XR | X0 | E6 | 1SF | MMP | OE18 | . |
| | OSA | 1E18 | 1TF | MP | . | 09 MMP- | . | 10 XR | . | . | . |
| | 1SA | CP5 | CP4 | CP3 | CP2 | CP76 | RM | OE18 | OSA | 1E18 | . |
| | 1TF | MP | . | 09 XR- | . | 10 XO- | . | . | . | . | . |

Tape stops

Marker number

| Marker number | ND or test, one side. Logic for one side ND is on boards 327, 328, 329. | | | | | | | | | |
|---------------|---|------|------|------|------|------|------|------|------|------|
| 191 | OSA | B5 | B2 | B1 | CL7 | CL2 | K | OE18 | 1SA | 1E18 |
| | 1TF | ND | | 01 | | | | | | |
| | 1SA | B6 | B3 | IP | ND | OE18 | 1SA | 1E18 | 1TF | ND |
| | | 01 | | | | | | | | |
| | OSA | B6 | B4 | CR6 | IC | ID | K | OB6 | OE18 | 1SA |
| | 1E18 | 1TF | ND | | 02 | | | | | |
| | 1SA | B5 | CR7 | E | ND | OB5 | OB3 | O6 | TSO | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 02 | | | | |
| | OSA | B6 | B4 | CR7 | IC | ID | K | OB6 | OE18 | 1SA |
| | 1E18 | 1TF | ND | | 03 | | | | | |
| | 1SA | B5 | CR6 | E | ND | OB5 | OB3 | O6 | TSO | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 03 | | | | |
| | OSA | B5 | B3 | CL2 | IP | K | OE18 | 1SA | 1E18 | 1TF |
| | ND | | 04 | | | | | | | |
| | 1SA | B6 | B2 | B1 | CL7 | ND | OE18 | 1SA | 1E18 | 1TF |
| | ND | | 04 | | | | | | | |
| 192 | OSA | B6 | CR5 | CR2 | D | E | IC | K | OB5 | OB3 |
| | TSO | OE18 | 1SA | 1E18 | 1TF | ND | | 05 | | |
| | 1SA | B4 | ID | ND | OB6 | OE18 | 1SA | 1E18 | 1TF | ND |
| | | 05 | | | | | | | | |
| | OSA | B6 | CR5 | CR2 | E | K | OB5 | OB3 | TSO | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 06 | | | | |
| | 1SA | AK | B4 | D | IC | ID | ND | OB6 | O6 | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 06 | | | | |
| | OSA | AK | B6 | CR5 | CR2 | K | OB5 | OB3 | TSO | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 07 | | | | |
| | 1SA | B4 | D | E | IC | ID | ND | OB6 | O6 | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 07 | | | | |
| | OSA | B6 | CR5 | CR2 | K | OB5 | OB3 | O6 | TSO | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 08 | | | | |
| 193 | 1SA | AK | B4 | D | E | IC | ID | ND | OB6 | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 08 | | | | |
| | OSA | B6 | B4 | CR7 | CR6 | IC | K | OB6 | OE18 | 1SA |
| | 1E18 | 1TF | ND | | 09 | | | | | |
| | 1SA | B5 | CR5 | CR2 | E | ND | OB3 | O6 | TSO | OE18 |
| | 1SA | 1E18 | 1TF | ND | | 09 | | | | |
| | OSA | AK | ID | QX | TP | OE18 | 1SA | 1E18 | 1TF | ND |
| | | 10 | | | | | | | | |
| | 1SA | K | ND | OE18 | 1SA | 1E18 | 1TF | ND | | 10 |
| | OSA | QX | OE18 | 1SA | 1E18 | 1TF | ND | | 11 | |

| | | | | | | | | | |
|-----|----|----|------|-----|------|------|------|-----|----|
| 1SA | AK | ID | K | ND | TP | OE18 | 1SA | 1TF | ND |
| . | 11 | . | . | . | . | . | . | . | . |
| OSA | AK | TP | OE18 | 1SA | 1E18 | 1TF | ND | 12 | . |
| 1SA | ID | K | ND | QX | OE18 | 1SA | 1E18 | 1TF | ND |
| . | 12 | . | . | . | . | . | . | . | . |

194

ND and test, one side.

| | | | | | | | | | |
|-----|--------|-----|--------|--------|--------|--------|--------|--------|--------|
| 1SA | AK | B6 | B2 | B1 | CL7 | CL2 | IC | IP | ND |
| QX | OE18 | 1SA | 1E18 | OTF | ND | . | 01 CL2 | . | 04 CL2 |
| . | 05 T32 | B6 | . | 06 T32 | B6 | . | 10 KA- | K- | . |
| KA- | K- | . | 12 KA- | K- | . | . | . | . | 11 |
| 1SA | AK | B6 | B3 | IC | ND | QX | OE18 | 1SA | 1E18 |
| OTF | ND | . | 01 IP- | . | 05 T32 | B6 | . | 06 T32 | B6 |
| . | 10 KA- | K- | . | 11 KA- | K- | . | 12 KA- | K- | . |
| 1SA | AK | B5 | B4 | B3 | E | ID | IP | ND | OB6 |
| 06 | QX | TSO | OE18 | 1SA | 1E18 | OTF | NE | . | 01 TRC |
| . | 11 KA- | K- | . | 12 KA- | K- | . | . | . | . |
| 1SA | AK | B5 | CR7 | CR6 | E | ID | ND | OB5 | OB3 |
| 06 | QX | TSO | OE18 | 1SA | 1E18 | OTF | ND | . | 02 ID |
| . | 03 ID | . | 11 KA- | K- | . | 12 KA- | K- | . | . |

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| | | | | | | | | | |
|------|--------|--------|--------|--------|------|---------|------|--------|--------|
| 1SA | AK | B5 | CR7 | E | ND | OB6 | 06 | QX | TSO |
| OE18 | 1SA | 1E18 | OTF | ND | . | 02 OBW | . | 10 KA- | K- |
| . | 11 KA- | K- | . | 12 KA- | K- | . | . | . | . |
| 1SA | AK | B5 | E | ND | OB5 | OB3 | 06 | QX | TSO |
| OE18 | 1SA | 1E18 | OTF | ND | . | 02 CR7- | . | 03 CR6 | . |
| KA- | K- | . | 11 KA- | K- | . | 12 KA- | K- | . | 10 |
| 1SA | AK | B5 | B4 | B3 | CL2 | CR7 | CR6 | E | ND |
| OB5 | OB3 | 06 | QX | TSO | OE18 | 1SA | 1E18 | OTF | ND |
| . | 02 TLS | . | 03 TLS | B4 | . | 10 KA- | K- | . | 11 KA- |
| K- | . | 12 KA- | K- | . | . | . | . | . | . |
| 1SA | AK | B5 | CR6 | E | ND | OB6 | 06 | QX | TSO |
| OE18 | 1SA | 1E18 | OTF | ND | . | 03 OBW | . | 10 KA- | K- |
| . | 11 KA- | K- | . | 12 KA- | K- | . | . | . | . |

| | | | | | | | | | | | |
|-----|--------------------|---------|--------|--------|--------|--------|---------|---------|--------|---------|----|
| | 1SA | B4 | B2 | B1 | CL7 | E | IC | ID | IP | ND | |
| | OB6 | QX | OE18 | 1SA | 1E18 | OTF | ND | . | 08 DA- | . | 01 |
| | TRC | B6- | . | 04 TRC | B6- | . | 05 D | . | 06 E | . | 07 |
| | DA- | D- | . | 12 KA- | K- | . | . | . | . | . | |
| 199 | 1SA | B4 | B2 | B1 | CL7 | D | ID | IP | ND | OB6 | |
| | QX | OE18 | 1SA | 1E18 | OTF | ND | . | 08 IC- | . | 01 TRC | |
| | B6- | . | 04 TRC | B6- | . | 05 D | . | 06 IC- | . | 07 IC- | |
| | . | 12 KA- | K- | CL2 | D | E | IC | ID | ND | OB6 | |
| | 1SA | B4 | B3 | 1SA | 1E18 | OTF | ND | . | 08 T32 | . | 07 |
| | QX | TSO | OE18 | CR5 | CR2 | E | ND | OB6 | 08 OB3 | 06 | |
| | 1SA | AK | B5 | 1SA | 1E18 | OTF | ND | . | 09 OB6 | . | 10 |
| | QX | TSO | OE18 | 1SA | 1E18 | OTF | ND | . | . | . | |
| | KA- | K- | . | 11 KA- | K- | . | 12 KA- | K- | . | TSO | |
| | 1SA | AK | B5 | CR5 | CR2 | E | ND | 06 | 10 QX | KA- | |
| | OE18 | 1SA | 1E18 | OTF | ND | . | 09 OB3- | . | . | . | |
| | . | 11 KA- | K- | . | 12 KA- | K- | . | . | . | . | |
| 200 | No test for 09 KB. | | | | | | | | | | |
| | 1SA | AK | B5 | CR2 | E | ID | ND | OB3 | 06 | QX | |
| | TSO | OE18 | 1SA | 1E18 | OTF | ND | . | 09 CR75 | . | 11 KA- | |
| | K- | . | 12 KA- | K- | . | . | . | . | . | . | |
| | 1SA | AK | B5 | CR5 | E | ND | OB5 | OB3 | 06 | QX | |
| | TSO | OE18 | 1SA | 1E18 | OTF | ND | . | 09 CR2- | . | 02 CR7- | |
| | . | 03 CR6- | . | 10 KA- | K- | . | 11 KA- | K- | . | 13 KA- | |
| | K- | . | . | . | . | . | . | . | . | . | |
| | 1SA | AK | B4 | B3 | CL2 | CR5 | CR2 | E | ND | OB3 | |
| | 06 | QX | TSO | OE18 | 1SA | 1E18 | OTF | ND | . | 09 TLS | |
| | . | 10 KA- | K- | . | 11 KA- | K- | . | 12 KA- | K- | . | |
| | 1SA | AK | B4 | B3 | CL2 | E | ND | OB6 | 06 | TSO | |
| | OE18 | 1SA | 1E18 | OTF | ND | . | 10 KA- | . | 11 KA- | K- | |
| | 1SA | B6 | B2 | B1 | CL7 | ID | IP | K | ND | OE18 | |
| | 1SA | 1E18 | OTF | ND | . | 10 ID | . | . | 11 AK- | . | |
| 201 | 1SA | B6 | B2 | B1 | CL7 | IP | K | ND | TP | OE18 | |
| | 1SA | 1E18 | OTF | ND | . | 10 TPB | . | 11 AK- | . | . | |
| | 1SA | AK | B4 | B3 | CL2 | E | ID | ND | OB6 | 06 | |
| | TSO | TP | OE18 | 1SA | 1E18 | OTF | ND | . | 11 KA- | . | |
| | 1SA | AK | B4 | B3 | CL2 | E | ID | ND | OB6 | 06 | |
| | QX | TSO | OE18 | 1SA | 1E18 | OTF | ND | . | 12 KA- | . | 11 |
| | KA- | K- | . | . | . | . | . | . | . | . | |
| | 1SA | B6 | B2 | B1 | CL7 | ID | IP | K | ND | QX | |
| | TP | OE18 | 1SA | 1E18 | OTF | ND | . | 12 TPB | . | 11 AK- | |

Tape stops Marker number

| | | | | | | | | | | | |
|-----|--|------|------|------|------|------|------|------|------|------|-----|
| 202 | ND or test, zero side. Logic for zero side ND is on boards 326, 327, 329, 328. | | | | | | | | | | |
| | OSA | B6 | B4 | CR6 | K | ND | OB6 | OE18 | OSA | 1E18 | |
| | OTF | ND | | 01 | . | . | . | . | . | . | . |
| | 1SA | TX | B5 | B3 | CR7 | OB5 | OB3 | OE18 | OSA | 1E18 | |
| | OTF | ND | | 01 | . | . | . | . | . | . | . |
| | OSA | B6 | B4 | CR7 | K | ND | OB6 | OE18 | OSA | 1E18 | |
| | OTF | ND | | 02 | . | . | . | . | . | . | . |
| | 1SA | TX | B5 | B3 | CR6 | OB5 | OB3 | OE18 | OSA | 1E18 | |
| | OTF | ND | | 02 | . | . | . | . | . | . | . |
| | OSA | TX | B3 | CR7 | CR6 | D | K | ND | OE18 | OSA | |
| | 1E18 | OTF | ND | | | | | | | | |
| | 1SA | B6 | B4 | IC | OB6 | OB4 | OB2 | OE18 | OSA | 1E18 | |
| | OTF | ND | | 03 | . | . | . | . | . | . | . |
| | OSA | AK | ND | QX | TP | OE18 | OSA | 1E18 | OTF | ND | |
| | . | 04 | . | . | . | . | . | . | . | . | . |
| 203 | 1SA | ID | K | OE18 | OSA | 1E18 | OTF | ND | . | 04 | . |
| | OSA | B6 | B5 | IC | K | ND | OB6 | OB3 | OE18 | OSA | |
| | 1E18 | OTF | ND | | | | | | | | |
| | 1SA | TX | D | OB5 | OE18 | OSA | 1E18 | OTF | ND | | 05 |
| | OSA | B6 | B5 | IC | K | ND | OB5 | OB4 | OB3 | OB2 | |
| | OE18 | OSA | 1E18 | OTF | ND | | | | | | |
| | 1SA | TX | D | OE18 | OSA | 1E18 | 06 | OTF | ND | . | 06 |
| 204 | ND and test, zero side. | | | | | | | | | | |
| | 1SA | TX | AK | B5 | B3 | CR7 | D | OB6 | QX | TP | |
| | OE18 | OSA | 1E18 | 1TF | ND | . | 01 | OBW | . | 03 | TXB |
| | . | 06 | TLC | B5 | . | . | . | . | . | . | . |
| | 1SA | TX | B5 | B3 | ID | OB5 | OB3 | OE18 | OSA | 1E18 | |
| | 1TF | ND | | 01 | CR7- | . | 02 | CR6- | . | 03 | TXB |
| | KAK1 | KC- | K- | . | . | . | . | . | . | . | 04 |
| | 1SA | TX | B6 | B4 | B3 | CR7 | ID | OB5 | OB3 | OE18 | |
| | OSA | 1E18 | 1TF | ND | . | 01 | TLS | . | 03 | TXB | TX |
| | . | 04 | KAK1 | KC- | K- | . | . | . | . | . | . |
| | 1SA | TX | B5 | CR7 | CR6 | ID | OB5 | OB3 | OE18 | OSA | |
| | 1E18 | 1TF | ND | . | 01 | B3- | . | 02 | B3- | . | 03 |
| | . | 04 | KAK1 | KC- | K- | . | . | . | . | . | . |
| | 1SA | TX | AK | B5 | B3 | CR6 | D | OB6 | QX | TP | |
| | OE18 | OSA | 1E18 | 1TF | ND | . | 02 | OBW | . | 03 | TXB |
| | . | 06 | TLC | B5 | . | . | . | . | . | . | . |
| 205 | 1SA | TX | B6 | B4 | B3 | CR6 | ID | OB5 | OB3 | OE18 | |
| | OSA | 1E18 | 1TF | ND | . | 02 | TLS | . | 03 | TXB | TX |
| | KAK1 | KC- | K- | . | . | . | . | . | . | . | 04 |
| | 1SA | TX | B6 | B4 | IC | ID | OB6 | OB4 | OB2 | OE18 | |

| | | | | | | | | | | | | | |
|-----|------|------|------|------|-----|-----|------|------|------|------|------|------|------|
| | OSA | 1E18 | 1TF | ND | . | 03 | TXB | . | 04 | KAK1 | KC- | K- | |
| | 1SA | AK | B6 | B4 | IC | | K | OB6 | | OB4 | OB2 | QX | |
| | TP | OE18 | OSA | 1E18 | 1TF | | ND | . | 03 | KB | . | . | |
| | 1SA | TX | AK | B6 | B4 | | IC | ID | | OB6 | OB4 | OB2 | |
| | OE18 | OSA | 1E18 | 1TF | ND | | . | 04 | KAK1 | . | 03 | TXB | TX |
| | 1SA | B5 | B3 | CR7 | CR6 | | K | OB5 | | OB3 | OE18 | OSA | |
| | 1E18 | 1TF | ND | . | 04 | ID- | . | 01 | OBW | K | . | 02 | OBW |
| | K | . | 03 | KB | K | | . | . | . | . | . | . | . |
| | 1SA | B5 | B3 | CR7 | CR6 | | ID | K | | OB5 | OB3 | QX | . |
| | OE18 | OSA | 1E18 | 1TF | ND | | . | 04 | QX | . | 01 | OBW | . |
| | OBW | K | . | 03 | KB | | K | . | . | . | . | . | 02 |
| 206 | 1SA | B5 | B3 | CR7 | CR6 | | ID | K | | OB5 | OB3 | TP | |
| | OE18 | OSA | 1E18 | 1TF | ND | | . | 04 | TPB | . | 01 | OBW | K |
| | . | 02 | OBW | K | 03 | KB | K | OB5 | OE18 | OSA | 1E18 | 1TF | |
| | 1SA | TX | D | ID | OB6 | 03 | TXB | TX | . | 04 | KAK1 | KC- | K- |
| | ND | . | 05 | OB6 | . | 03 | TXB | TX | . | 04 | KAK1 | KC- | K- |
| | . | 06 | OBN | OB5 | . | | . | . | OE18 | OSA | 1E18 | 1TF | |
| | 1SA | TX | D | ID | OB4 | 03 | TXB | TX | . | 04 | KAK1 | KC- | K- |
| | ND | . | 05 | OB5- | CR7 | | . | D | ID | OB5 | OB3 | OE18 | OE18 |
| | 1SA | TX | B3 | CR7 | CR6 | | . | . | . | 01 | TLS | B5- | . |
| | OSA | 1E18 | 1TF | ND | . | | 05 | OB3 | . | 04 | KAK1 | KC- | OSA |
| | TLS | B5- | . | 03 | TXB | TX | . | 04 | KAK1 | OB4 | OB2 | OE18 | 04 |
| | 1SA | TX | D | ID | OB6 | 06 | OBN | . | 03 | TXB | TX | . | KAK1 |
| | 1E18 | 1TF | ND | . | 06 | OBN | . | . | . | . | . | . | . |
| | KC- | K- | . | 05 | OB6 | . | . | . | . | . | . | . | . |
| 207 | 1SA | TX | AK | IC | QX | | TP | OE18 | OSA | 1E18 | 1TF | | |
| | ND | . | 06 | KDIC | . | 03 | TXB | TX | OSA | 1E18 | 1TF | ND | |
| | 1SA | TX | B6 | D | ID | | OE18 | OSA | 1E18 | 1TF | ND | | |
| | . | 06 | TLC | . | 03 | TXB | TX | . | 04 | KAK1 | KC- | K- | . |

Tape stops Marker number

| | | | | | | | | | | |
|-----|--|------|------|------|------|------|------|------|------|------|
| 208 | NP or test, one side. Logic for one side NP is on boards 333, 334, 335, 436. | | | | | | | | | |
| | OSA | NX | OE18 | 1SA | 1E18 | 1TF | NP | . | 01 | . |
| | 1SA | TO | TX | NC | TP | NP | OE18 | 1SA | 1E18 | 1TF |
| | NP | . | 01 | . | . | . | . | . | . | . |
| | OSA | TX | OE18 | 1SA | 1E18 | 1TF | NP | . | 02 | . |
| | 1SA | NP | OE18 | 1SA | 1E18 | 1TF | NP | . | 02 | . |
| | OSA | E | K | NC | NX | 06 | 05 | 02 | OE18 | 1SA |
| | 1E18 | 1TF | NP | . | 03 | . | . | . | . | . |
| | 1SA | TO | TX | MN | 03 | TP | NP | OE18 | 1SA | 1E18 |
| | 1TF | NP | . | 03 | . | . | . | . | . | . |
| | OSA | AK | AX | E | K | NC | 06 | 05 | OE18 | 1SA |
| | 1E18 | 1TF | NP | . | 04 | . | . | . | . | . |
| | 1SA | TO | TX | 03 | 02 | TP | NP | OE18 | 1SA | 1E18 |
| | 1TF | NP | . | 04 | . | . | . | . | . | . |
| | OSA | K | NC | 04 | 03 | IX | OE18 | 1SA | 1E18 | 1TF |
| | NP | . | 05 | . | . | . | . | . | . | . |
| 209 | 1SA | TO | TX | 06 | 05 | TP | NP | OE18 | 1SA | 1E18 |
| | 1TF | NP | . | 05 | . | . | . | . | . | . |
| | OSA | DC | K | MN | NC | OE18 | 1SA | 1E18 | 1TF | NP |
| | . | . | 06 | . | . | . | . | . | . | . |
| | 1SA | TO | TX | AC | AK | E | NX | 03 | TP | NP |
| | OE18 | 1SA | 1E18 | 1TF | NP | . | 06 | . | . | . |
| | OSA | AC | AK | E | K | MN | NC | OE18 | 1SA | 1E18 |
| | 1TF | NP | . | 07 | . | . | . | . | . | . |
| | 1SA | TO | TX | DC | 06 | 03 | TP | NP | OE18 | 1SA |
| | 1E18 | 1TF | NP | . | 07 | . | . | . | . | . |
| | OSA | AX | NC | 04 | OE18 | 1SA | 1E18 | 1TF | NP | . |
| | 1SA | TO | TX | K | TP | NP | OE18 | 1SA | 1E18 | 1TF |
| | NP | . | 08 | . | . | . | . | . | . | 08 |
| | OSA | NC | RX | OE18 | 1SA | 1E18 | 1TF | NP | . | . |
| | 1SA | TO | TX | K | 04 | TP | NP | OE18 | 1SA | 09 |
| | 1TF | NP | . | 09 | . | . | . | . | . | . |
| 210 | NP and test, one side. | | | | | | | | | |
| | 1SA | TO | TX | NC | NX | 03 | 02 | TP | NP | OE18 |
| | 1SA | 1E18 | OTF | NP | . | 01 | NX | . | 02 | TXC |
| | 1SA | TO | TX | AC | AK | AX | E | MN | 03 | RX |
| | TP | NP | IX | OE18 | 1SA | 1E18 | OTF | NP | . | 01 |
| | . | 02 | TXC | TX | 03 | OEL | K065 | E | 06 | MNA |
| | 1SA | TX | NC | NP | OE18 | 1SA | 1E18 | OTF | NP | . |
| | TPO- | . | 02 | TXC | TX | . | . | . | . | 01 |
| | 1SA | TX | AC | AX | E | MN | NX | RX | NP | IX |
| | OE18 | 1SA | 1E18 | OTF | NP | . | 02 | TXC | . | . |
| | 1SA | TO | TX | MN | NX | 03 | TP | NP | OE18 | 1SA |

| | | | | | | | | | | | | | |
|-----|------|------|------|-----|------|------|------|-----|------|-----|------|-----|------|
| | 1E18 | OTF | NP | . | 03 | NX | . | 02 | TXC | TX | . | 04 | ORB |
| | 032- | 02- | . | 08 | KB- | K- | . | . | . | . | . | . | RX |
| | 1SA | TO | TX | . | AC | AX | E | . | MN | 06 | 05 | . | OEL |
| | TP | NP | IX | 02 | OE18 | 1SA | 1E18 | . | OTF | NP | . | 03 | . |
| | . | 01 | NC- | . | TXC | TX | . | 05 | IX | . | . | . | . |
| 211 | 1SA | TO | TX | . | AX | DC | 04 | . | 03 | 02 | TP | NP | 02 |
| | OE18 | 1SA | 1E18 | . | OTF | NP | . | 04 | AX | . | 01 | NC- | . |
| | TXC | TX | . | 03 | OEL | 02 | . | 06 | AK- | . | 07 | OA | K06- |
| | 06- | . | 09 | KB- | K- | . | . | . | . | . | . | . | RX |
| | 1SA | TO | TX | . | AC | E | K | . | MN | NX | 04 | . | ORB |
| | TP | NP | IX | . | OE18 | 1SA | 1E18 | . | OTF | NP | . | 04 | OE18 |
| | . | 02 | TXC | TX | . | 04 | 03 | 09 | RX | . | . | . | TXC |
| | 1SA | TO | TX | . | AK | MN | 04 | . | 02 | 01 | NC- | 02 | K- |
| | 1SA | 1E18 | OTF | 03 | NP | . | 06 | AKA | MN | . | 08 | KB- | 1SA |
| | TX | TO | TX | . | 02 | . | . | MNA | TP | NP | 02 | TXC | TX |
| | 1SA | OTF | NP | . | AX | 05 | 05 | . | . | . | . | . | . |
| | 1E18 | 08 | AX | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TO | TX | . | AC | AK | . | E | MN | 06 | 05 | 03 | 03 |
| | TP | NP | OE18 | . | 1SA | 1E18 | 06 | OTF | NP | . | 05 | 03 | . |
| | NC- | . | 02 | TXC | TX | . | 06 | MNA | MN | . | 08 | KB- | K- |
| 212 | 1SA | TO | TX | . | AC | AK | E | . | MN | NX | 06 | . | 05 |
| | 03 | TP | NP | . | OE18 | 1SA | 1E18 | . | OTF | NP | . | 06 | MNA |
| | . | 02 | TXC | TX | . | 03 | AX | 08 | KB- | K- | NX | . | 03 |
| | 1SA | TO | TX | . | AC | AK | 1E18 | . | E | NP | . | 06 | KB |
| | TX | TP | NP | . | OE18 | 1SA | 1E18 | . | OTF | NP | . | . | 1E18 |
| | . | 02 | TXC | TX | . | AX | . | . | . | . | . | . | . |
| | 1SA | TO | TX | . | AK | TP | NP | 01 | IX | 02 | OE18 | 1SA | 03 |
| | OTF | NP | . | 06 | 03- | . | . | 08 | . | . | TXC | TX | . |
| | OEL | 03A- | 03- | 08 | . | KB- | K- | . | . | . | . | . | . |
| | 1SA | TO | TX | . | AK | DC | MN | . | . | 06 | 03 | TP | NP |
| | OE18 | 1SA | 1E18 | . | OTF | NP | . | . | MNA | 07 | . | 01 | NC- |
| | TXC | TX | . | 03 | OEL | K065 | 06 | . | . | 06 | MNA | MN | . |
| | KB- | K- | . | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TO | TX | . | AC | AK | AX | . | E | K | NX | 03 | 03 |
| | RX | TP | NP | . | IX | OE18 | 1SA | . | 1E18 | OTF | NP | . | . |
| | OA | . | 02 | TXC | TX | . | 06 | KB | K | . | 08 | AX | . |

Tape stops Marker number

| | | | | | | | | | | | |
|-----|-----|------|------|------|------|------|-----|------|----|------|-----|
| 213 | 1SA | TO | TX | AC | E | MN | NX | 03 | 02 | TP | |
| | NP | IX | OE18 | 1SA | 1E18 | OTF | NP | . | 08 | KB- | 02 |
| | TXC | TX | . | 04 | ORB | K065 | E | . | . | . | . |
| | 1SA | TO | TX | AC | AX | E | MN | NX | 06 | 05 | |
| | 04 | TP | NP | OE18 | 1SA | 1E18 | OTF | NP | . | 09 | KB- |
| | . | 02 | TXC | TX | . | 05 | OJ | 04B | 04 | . | . |
| | 1SA | TO | TX | AK | AX | K | 03 | TP | NP | OE18 | |
| | 1SA | 1E18 | OTF | NP | . | 09 | 04- | . | 01 | NC- | 02 |
| | TX | . | 03 | OEL | K065 | K | . | 06 | KB | K | 08 |
| | 1SA | TO | TX | K | NC | NX | 04 | TP | NP | TXC | |
| | 1SA | 1E18 | OTF | NP | . | 09 | NC | . | 01 | NX | 02 |
| | 1SA | TX | K | 04 | NP | OE18 | 1SA | 1E18 | 02 | TXC | TX |
| | . | 09 | TPO- | . | 02 | TXC | TX | . | . | OTF | NP |
| | | | | | | | | | | | . |

214 NP or test, zero side. Logic for zero side NP is on boards 332, 333, 334, 436.

| | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|
| | OSA | NP | OE18 | OSA | 1E18 | OTF | NP | OSA | 01 | 1E18 | OTF |
| | 1SA | TO | TX | NC | NX | TP | OE18 | OSA | . | . | . |
| | NP | . | 01 | . | . | . | . | . | . | . | . |
| | OSA | TO | NP | OE18 | OSA | 1E18 | OTF | NP | . | 02 | . |
| | 1SA | OE18 | OSA | 1E18 | OTF | NP | . | 02 | . | . | OE18 |
| | OSA | E | K | MN | NC | 06 | 05 | 02 | NP | . | OE18 |
| | OSA | 1E18 | OTF | NP | . | 03 | . | . | . | . | . |
| | 1SA | TO | TX | NC | 03 | TP | OE18 | OSA | 1E18 | OTF | . |
| | NP | . | 03 | . | . | . | . | . | . | . | . |
| | OSA | AK | E | K | NC | 06 | 05 | NP | OE18 | OSA | . |
| | 1E18 | OTF | NP | . | 04 | . | . | . | . | . | . |
| | 1SA | TO | TX | AX | 03 | 02 | TP | OE18 | OSA | 1E18 | . |
| | OTF | NP | . | 04 | . | . | . | . | . | . | . |
| | OSA | K | NC | 04 | 03 | NP | OE18 | OSA | 1E18 | OTF | . |
| | NP | . | 05 | . | . | . | . | . | . | . | . |
| | 1SA | TO | TX | 06 | 05 | TP | IX | OE18 | OSA | 1E18 | . |
| | OTF | NP | . | 05 | . | . | . | . | . | . | . |

| | | | | | | | | | | | |
|-----|------|------|-----|----|------|-----|------|------|------|------|----|
| 215 | OSA | DC | K | NC | NX | NP | OE18 | OSA | 1E18 | OTF | |
| | NP | . | 06 | . | . | . | . | . | . | . | . |
| | 1SA | TO | TX | AC | AK | E | MN | 03 | TP | OE18 | |
| | OSA | 1E18 | OTF | NP | . | 06 | . | . | . | . | . |
| | OSA | AC | AK | E | K | NC | NP | OE18 | OSA | 1E18 | |
| | OTF | NP | . | 07 | . | . | . | . | . | . | . |
| | 1SA | TO | TX | DC | MN | 06 | 03 | TP | OE18 | OSA | |
| | 1E18 | OTF | NP | . | 07 | . | . | . | . | . | . |
| | OSA | NC | 04 | NP | OE18 | OSA | 1E18 | OTF | NP | . | 08 |
| | 1SA | TO | TX | AX | K | TP | OE18 | OSA | 1E18 | OTF | |

| | | | | | | | | | | | | |
|-----|-------------------------|--------|----|-----|--------|---------|---------|---------|--------|--------|----|------|
| | NP | | 08 | NP | OE18 | OSA | 1E18 | OTF | NP | | 09 | NP |
| | OSA | NC | | TX | K | 04 | RX | TP | OE18 | OSA | | 1E18 |
| | 1SA | TO | | | | | | | | | | |
| | OTF | NP | | | | | | | | | | |
| 216 | NP and test, zero side. | | | | | | | | | | | |
| | 1SA | TO | | TX | AX | NC | 03 | 02 | TP | OE18 | | OSA |
| | 1E18 | 1TF | | NP | | 01 NX- | | 02 TOB | TO | | | 1E18 |
| | 1SA | TO | | TX | AC | AK | | NX | 03 | TP | | OE18 |
| | OSA | 1E18 | | 1TF | NP | | 01 NC- | 02 TOB | TO | | | 03 |
| | OEL | K065 | | E | | 06 MNA- | 01 MN | | | | | |
| | 1SA | TO | | NC | NX | OE18 | OSA | 1E18 | 1TF | NP | | 01 |
| | TPO- | | 02 | TOB | TO | | | | | | | |
| | 1SA | TO | | AC | E | OE18 | OSA | 1E18 | 1TF | NP | | 02 |
| | TOB | | | | | | | | | | | |
| | 1SA | TO | | TX | AX | 03 | TP | OE18 | OSA | 1E18 | | 1TF |
| | NP | | 03 | NX- | | 02 TOB | TO | | 04 ORB | 032- | | 02- |
| | | 08 KB- | | K- | | | | | | | | |
| | 1SA | TO | | TX | AC | E | NX | 06 | 05 | TP | | OE18 |
| | OSA | 1E18 | | 1TF | NP | | 03 OEL | | 01 NC- | | 02 | TOB |
| | TO | | 05 | IX- | | | | | | | | |
| 217 | 1SA | TO | | TX | DC | MN | NX | 04 | 03 | 02 | | RX |
| | TP | OE18 | | OSA | 1E18 | 1TF | NP | | 04 AX- | | 01 | NC- |
| | | 02 TOB | | TO | | 03 OEL | 02 | | 06 AK- | | 07 | OA |
| | K06- | 06- | | | 09 KB- | K- | | | | | | |
| | 1SA | TO | | TX | AC | AX | E | K | 04 | TP | | OE18 |
| | OSA | 1E18 | | 1TF | NP | | 04 ORB | | 02 TOB | TO | | 08 |
| | 04 | | 09 | RX- | | | | | | | | |
| | 1SA | TO | | TX | AK | AX | NX | 03 | 02 | TP | | OE18 |
| | OSA | 1E18 | | 1TF | NP | | 04 AKA | | 01 NC- | | 02 | TOB |
| | TO | | 03 | OEL | 02 | | 06 MNA- | MN- | | 08 KB- | | |
| | 1SA | TO | | TX | K | NX | TP | IX | OE18 | OSA | | 1E18 |
| | 1TF | NP | | | 05 OJ | | 01 NC- | | 02 TOB | TO | | 08 |
| | AX- | | | | | | | | | | | |
| | 1SA | TO | | TX | AC | AX | AX | E | NX | 06 | | 05 |
| | 03 | TP | | IX | OE18 | OSA | 1E18 | 1TF | NP | | 05 | 03 |
| | | 01 NC- | | | 02 TOB | TO | | 06 MNA- | MN- | | 08 | KB- |

| | | | | | | | | | | | |
|-----|---|------|------|------|------|------|------|------|------|------|-----|
| 224 | I32 or test, one side. Logic for one side I32 is on boards 336, 337, 438. | | | | | | | | | | |
| | OSA | IC | IP | K | OE18 | 1SA | 1E18 | 1TF | I32 | . | 01 |
| | 1SA | TO | TX | I32 | OE18 | 1SA | 1E18 | 1TF | I32 | . | 01 |
| | OSA | IP | OE18 | 1SA | 1E18 | 1TF | I32 | . | . | 02 | . |
| | 1SA | TO | TX | IC | K | I32 | OE18 | 1SA | 1E18 | 1TF | . |
| | I32 | . | 02 | . | . | . | . | . | . | . | . |
| | OSA | B4 | D | IC | OE18 | 1SA | 1E18 | 1TF | I32 | . | 03 |
| | 1SA | TO | B6 | B5 | B3 | B2 | B1 | K | OB2 | I32 | . |
| | OE18 | 1SA | 1E18 | 1TF | I32 | . | 03 | . | . | . | . |
| | OSA | B4 | B1 | D | IC | OB5 | OE18 | 1SA | 1E18 | 1TF | . |
| | I32 | . | 04 | . | . | . | . | . | . | . | . |
| | 1SA | TO | B6 | B5 | B3 | B2 | K | I32 | OE18 | 1SA | . |
| | 1E18 | 1TF | I32 | . | 04 | . | . | . | . | . | . |
| | OSA | B4 | B2 | D | IC | OB6 | OE18 | 1SA | 1E18 | 1TF | . |
| | I32 | . | 05 | . | . | . | . | . | . | . | . |
| | 1SA | TO | B6 | B5 | B3 | B1 | K | I32 | OE18 | 1SA | . |
| | 1E18 | 1TF | I32 | . | 05 | . | . | . | . | . | . |
| 225 | OSA | IC | LP | OE18 | 1SA | 1E18 | 1TF | I32 | . | 06 | . |
| | 1SA | TO | B6 | D | K | I32 | OE18 | 1SA | 1E18 | 1TF | . |
| | I32 | . | 06 | . | . | . | . | . | . | . | . |
| | OSA | B6 | B1 | IC | OE18 | 1SA | 1E18 | 1TF | I32 | . | 07 |
| | 1SA | TO | B4 | K | I32 | OE18 | 1SA | 1E18 | 1TF | I32 | . |
| | . | 07 | . | . | . | . | . | . | . | . | . |
| | OSA | TO | TX | B5 | B3 | OB2 | OE18 | 1SA | 1E18 | 1TF | . |
| | I32 | . | 08 | . | . | . | . | . | . | . | . |
| | 1SA | B6 | IP | LP | OB6 | OB5 | I32 | OE18 | 1SA | 1E18 | . |
| | 1TF | I32 | . | 08 | . | . | . | . | . | . | . |
| 226 | I32 and test, one side. | | | | | | | | | | |
| | 1SA | TO | TX | IC | IP | I32 | OE18 | 1SA | 1E18 | OTF | . |
| | I32 | . | 01 | IP | 02 | IP | 08 | TOB | TO | . | . |
| | 1SA | TO | TX | B6 | B4 | D | K | LP | OB6 | 02 | OB5 |
| | I32 | OE18 | 1SA | 1E18 | OTF | I32 | . | KB | . | 02 | IC- |
| | . | 06 | LP | 07 | TOP | B6 | 08 | TOB | TO | . | . |
| | 1SA | TO | IC | I32 | OE18 | 1SA | 08 | 1E18 | OTF | I32 | . |
| | TXA- | . | 02 | TXA- | TX- | 08 | TOB | TO | . | . | 01 |
| | 1SA | TO | IC | I32 | OE18 | 1SA | 08 | 1E18 | OTF | I32 | . |
| | TXA- | . | 01 | TXA- | TX- | 08 | TOB | TO | . | . | 02 |
| | 1SA | TO | TX | B6 | B5 | B3 | B2 | B1 | K | I32 | . |
| | OE18 | 1SA | 1E18 | OTF | I32 | . | 03 | OB2- | 01 | KB | K |
| | . | 02 | IC- | 04 | BL1 | B1 | 05 | BL2 | B2 | 06 | DA- |
| | D- | . | 08 | TOB | TO | . | . | . | . | . | . |

230 I32 or test, zero side. Logic for zero side I32 is on boards 335, 356, 337, 438.

| | | | | | | | | | | |
|------|-----|------|------|------|------|------|------|------|-----|----|
| OSA | IC | K | I32 | OE18 | OSA | 1E18 | OTF | I32 | . | 01 |
| 1SA | TO | TX | IP | OE18 | OSA | 1E18 | OTF | I32 | . | 01 |
| OSA | I32 | OE18 | OSA | 1E18 | OTF | I32 | . | 02 | . | |
| 1SA | TO | TX | IC | IP | K | OE18 | OSA | 1E18 | OTF | |
| I32 | . | 02 | . | . | . | . | . | . | . | |
| OSA | B3 | D | IC | I32 | OE18 | OSA | 1E18 | OTF | I32 | |
| . | 03 | . | . | . | . | . | . | . | . | |
| 1SA | TX | B6 | K | OE18 | OSA | 1E18 | OTF | I32 | . | 03 |
| OSA | B4 | B1 | D | IC | I32 | OE18 | OSA | 1E18 | OTF | |
| I32 | . | 04 | . | . | . | . | . | . | . | |
| 1SA | TX | B6 | B5 | B3 | B2 | K | OB5 | OE18 | OSA | |
| 1E18 | OTF | I32 | . | 04 | . | . | . | . | . | |
| OSA | B4 | B2 | D | IC | I32 | OE18 | OSA | 1E18 | OTF | |
| I32 | . | 05 | . | . | . | . | . | . | . | |
| 1SA | TX | B6 | B5 | B3 | B1 | K | OB6 | OE18 | OSA | |
| 1E18 | OTF | I32 | . | 05 | . | . | . | . | . | |
| OSA | IC | I32 | OE18 | OSA | 1E18 | OTF | I32 | . | 06 | . |

231

| | | | | | | | | | | |
|-----|------|-----|------|------|------|------|-----|------|------|----|
| 1SA | TX | B6 | D | K | LP | OE18 | OSA | 1E18 | OTF | |
| I32 | . | 06 | . | . | . | . | . | . | . | |
| OSA | B6 | IC | I32 | OE18 | OSA | 1E18 | OTF | I32 | . | 07 |
| 1SA | TX | B4 | B3 | B1 | K | OE18 | OSA | 1E18 | OTF | |
| I32 | . | 07 | . | . | . | . | . | . | . | |
| OSA | TO | TX | B5 | IP | LP | OB6 | OB5 | I32 | OE18 | |
| OSA | 1E18 | OTF | I32 | . | 08 | . | . | . | . | |
| 1SA | B6 | B3 | OE18 | OSA | 1E18 | OTF | I32 | . | 08 | . |

232 I32 and test, zero side.

| | | | | | | | | | | |
|------|------|------|------|------|-----|------|------|-----|------|-----|
| 1SA | TO | TX | IC | OE18 | OSA | 1E18 | 1TF | I32 | . | 01 |
| IP- | . | 02 | IP- | 08 | TXC | TX | . | . | . | |
| 1SA | TO | TX | B6 | B4 | B3 | B1 | IP | K | OE18 | |
| OSA | 1E18 | 1TF | I32 | 01 | KB | . | 02 | IC- | 03 | B3 |
| . | 07 | TOP | B6 | 08 | TXC | TX | . | . | . | |
| 1SA | TX | IC | IP | OE18 | OSA | 1E18 | 1TF | I32 | . | 01 |
| TOA- | . | 02 | TOA- | TO- | 08 | TXC | TX | . | . | |
| 1SA | TX | IC | IP | OE18 | OSA | 1E18 | 1TF | I32 | . | 02 |
| TOA- | . | 01 | TOA- | TO- | 08 | TXC | TX | . | . | |
| 1SA | TX | B6 | B4 | B1 | D | K | OE18 | OSA | 1E18 | |
| 1TF | I32 | . | 03 | KD1 | . | 06 | LP- | . | 07 | TOP |
| TXC | TX | . | . | . | . | . | . | . | . | |
| 1SA | TO | TX | B6 | B5 | B3 | B2 | IP | K | LP | |
| OE18 | OSA | 1E18 | 1TF | I32 | . | 04 | OB5- | . | 01 | KB |
| . | 02 | IC- | . | 03 | B3 | . | 06 | DA- | 08 | TXC |

Tape stops **Marker number**

| | | | | | | | | | | | | |
|-----|--|----|------|------|---------|---------|--------|---------|--------|--------|--------|----|
| 233 | 1SA | | | B4 | B3 | B2 | K | OB5 | OE18 | OSA | 1E18 | |
| | 1TF | | | . | 04 KHRS | . | 03 B3 | . | 07 B1- | . | 08 TXC | |
| | TX | | | . | . | . | . | . | . | . | . | |
| | 1SA | | | TX | B6 | B5 | B3 | B1 | IP | K | LP | |
| | OB5 | | | OE18 | 1E18 | 1TF | 132 | . | 04 BL1 | . | 01 KB | |
| | K | | | . | . | 03 B3 | . | 05 OB6- | . | 06 DA- | D- | |
| | . | 08 | | TXC | TX | . | . | . | . | . | . | |
| | 1SA | | | B6 | B4 | B3 | B1 | K | OB6 | OE18 | OSA | |
| | 1E18 | | | 132 | . | 05 KHRS | . | 03 B3 | . | 07 TOP | B6 | |
| | . | 08 | | TXC | TX | . | . | . | . | . | . | |
| | 1SA | | | TX | B6 | B4 | B3 | B2 | IP | K | LP | |
| | OB6 | | | OE18 | 1E18 | 1TF | 132 | . | 05 BL2 | . | 01 KB | |
| | K | | | . | . | 03 B3 | . | 04 OB5- | . | 06 DA- | D- | |
| | . | 08 | | TXC | TX | . | . | . | . | . | . | |
| 234 | 1SA | | | TX | B1 | D | IP | K | LP | OE18 | OSA | |
| | 1E18 | | | 132 | . | 06 B6- | . | 01 KB | K | . | 02 IC- | |
| | . | 03 | | KD1 | D | 07 TOP | B4- | . | 08 TXC | TX | . | |
| | 1SA | | | B6 | D | LP | OE18 | OSA | 1E18 | 1TF | I32 | |
| | . | 06 | | KB- | 08 TXC | TX | . | . | . | . | . | |
| | 1SA | | | TX | B6 | B4 | B3 | B1 | IP | K | LP | |
| | OE18 | | | OE18 | 1TF | 132 | . | 06 DA- | . | 01 KB | K | |
| | . | 02 | | IC- | 03 B3 | . | 07 TOP | B6 | . | 08 TXC | TX | |
| | 1SA | | | TO | B6 | B3 | B1 | IP | K | OE18 | OSA | |
| | 1E18 | | | 132 | . | 07 TOP | . | 01 KB | K | . | 02 IC- | |
| | . | 03 | | B3 | 08 TXC | TX | . | . | . | . | . | |
| | 1SA | | | TX | B4 | OE18 | OSA | 1E18 | 1TF | I32 | . | 07 |
| | KB | | | . | 03 KD1 | B1 | 08 TXC | TX | . | . | . | |
| 235 | 1SA | | | B4 | B1 | IC | K | OE18 | OSA | 1E18 | 1TF | |
| | I32 | | | IC | . | 08 TXC | TX | . | . | . | . | |
| | 1SA | | | B6 | B4 | B3 | B1 | K | OE18 | OSA | 1E18 | |
| | 1TF | | | 132 | 08 TXC | . | 03 B3 | . | 07 TOP | B6 | . | |
| 236 | G or test, one side. Logic for one side G is on board 211. | | | | | | | | | | | |
| | OSA | D | E | OE18 | 1SA | 1E18 | 1TF | G | . | 01 | . | |
| | 1SA | G | OE18 | 1SA | 1E18 | 1TF | G | . | 01 | . | . | |
| 237 | G and test, one side. | | | | | | | | | | | |
| | 1SA | D | G | OE18 | 1SA | 1E18 | OTF | G | . | 01 | D | |
| | 1SA | E | G | OE18 | 1SA | 1E18 | OTF | G | . | 01 | E | |

238 G or test, zero side. Logic for zero side G is on boards 209, 208, 211.

| | | | | | | | | | | |
|-----|---|------|------|------|------|------|-----|----|----|----|
| OSA | E | G | OE18 | OSA | 1E18 | OTF | G | . | 01 | . |
| 1SA | D | K | OE18 | OSA | 1E18 | OTF | G | . | 01 | . |
| OSA | D | G | K | OE18 | OSA | 1E18 | OTF | G | . | 02 |
| 1SA | E | OE18 | OSA | 1E18 | OTF | G | . | 02 | . | . |

239 G and test, zero side.

| | | | | | | | | | | |
|-----|------|------|------|------|------|-----|----|----|----|-------|
| 1SA | K | OE18 | OSA | 1E18 | 1TF | G | . | 01 | D- | . |
| 1SA | OE18 | OSA | 1E18 | 1TF | G | . | 02 | E- | . | 01 D- |
| 1SA | E | K | OE18 | OSA | 1E18 | 1TF | G | . | 02 | K |
| . | 01 | D- | . | . | . | . | . | . | . | . |

240 L32 or test, one side. Logic for one side L32 is on boards 327, 328, 329, 330, 435.

| | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|----|------|
| OSA | TO | OE18 | 1SA | 1E18 | 1TF | L32 | . | 01 | . | . |
| 1SA | AP | CR5 | C6 | E | LP | 05 | 04 | 02 | . | L32 |
| LO | OE18 | 1SA | 1E18 | 1TF | L32 | . | 01 | . | . | . |
| OSA | K | LP | OE18 | 1SA | 1E18 | 1TF | L32 | . | 02 | . |
| 1SA | TO | AP | CR5 | E | LC | 05 | 03 | L32 | . | 0E18 |
| 1SA | 1E18 | 1TF | L32 | . | 02 | . | . | . | . | . |
| OSA | LC | LP | OE18 | 1SA | 1E18 | 1TF | L32 | . | 03 | . |
| 1SA | TO | K | 03 | L32 | OE18 | 1SA | 1E18 | 1TF | . | L32 |
| . | 03 | . | . | . | . | . | . | . | . | . |
| OSA | K | LC | LP | 03 | OE18 | 1SA | 1E18 | 1TF | . | L32 |
| . | 04 | . | . | . | . | . | . | . | . | . |
| 1SA | TO | 06 | L32 | OE18 | 1SA | 1E18 | 1TF | L32 | . | 04 |
| OSA | CR5 | D | E | K | 05 | OE18 | 1SA | 1E18 | . | 1TF |
| L32 | . | 05 | . | . | . | . | . | . | . | . |
| 1SA | TO | LP | 06 | 03 | L32 | OE18 | 1SA | 1E18 | . | 1TF |
| L32 | . | 05 | . | . | . | . | . | . | . | . |
| OSA | AP | E | K | 05 | OE18 | 1SA | 1E18 | 1TF | . | L32 |
| . | 06 | . | . | . | . | . | . | . | . | . |

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| | | | | | | | | | | |
|------|------|------|------|------|-----|------|------|------|------|-----|
| 1SA | TO | D | LP | 06 | 03 | L32 | OE18 | 1SA | 1E18 | . |
| 1TF | L32 | . | 06 | . | . | . | . | . | . | . |
| OSA | C6 | D | E | K | LC | 06 | 05 | 04 | . | 03 |
| 02 | TSO | OE18 | 1SA | 1E18 | 1TF | L32 | . | 07 | . | . |
| 1SA | TO | C3 | L32 | OE18 | 1SA | 1E18 | 1TF | L32 | . | 07 |
| OSA | C6 | C3 | D | E | K | LC | 06 | 05 | . | 04 |
| 03 | 02 | OE18 | 1SA | 1E18 | 1TF | L32 | . | 08 | . | . |
| 1SA | TO | TSO | L32 | OE18 | 1SA | 1E18 | 1TF | L32 | . | 08 |
| OSA | C6 | E | K | LC | 06 | 05 | 04 | 03 | . | 02 |
| OE18 | 1SA | 1E18 | 1TF | L32 | 09 | . | . | . | . | . |
| 1SA | TO | C3 | D | TSO | L32 | OE18 | 1SA | 1E18 | . | 1TF |
| L32 | . | 09 | . | . | . | . | . | . | . | . |
| OSA | D | E | K | LC | 06 | 05 | 04 | 03 | . | 02 |
| LO | OE18 | 1SA | 1E18 | 1TF | L32 | . | 10 | . | . | . |

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| | | | | | | | | | | |
|-----|----|----|-----|-----|------|-----|------|-----|-----|---|
| 1SA | TO | C3 | TSO | L32 | OE18 | 1SA | 1E18 | 1TF | L32 | . |
| . | 10 | . | . | . | . | . | . | . | . | . |

Tape stops

Marker number

| Marker number | L32 and test, one side. | | | | | | | | | | |
|---------------|-------------------------|------|-----|------|------|------|------|------|------|------|-----|
| 243 | 1SA | TO | AP | CR5 | C6 | E | K | LC | LP | 06 | |
| | 05 | 04 | 02 | L32 | LO | OE18 | 1SA | 1E18 | OTF | L32 | |
| | . | 01 | TOB | LP | . | . | . | . | . | . | |
| | 1SA | TO | AP | CR5 | C6 | E | 06 | 05 | 04 | 03 | |
| | 02 | L32 | LO | OE18 | 1SA | 1E18 | OTF | L32 | . | 02 | LC- |
| | . | 01 | TOB | TO | 03 | KB- | . | 04 | 03 | . | |
| | 1SA | TO | AP | CR5 | C6 | E | 06 | 05 | 04 | 03 | |
| | 02 | L32 | LO | OE18 | 1SA | 1E18 | OTF | L32 | . | 03 | KB- |
| | . | 01 | TOB | TO | 02 | LC- | 04 | 03 | . | . | |
| | 1SA | TO | C6 | E | 05 | 04 | 02 | L32 | LO | OE18 | 02 |
| | 1SA | 1E18 | OTF | L32 | . | 04 | 06- | . | 01 | TOB | TO |
| | LC- | . | 03 | K- | . | . | . | . | . | . | . |
| | 1SA | TO | CR5 | LC | LP | 06 | 03 | L32 | OE18 | 1SA | |
| | 1E18 | OTF | L32 | . | 05 | CR5 | . | 01 | TOB | TO | 06 |
| | D- | . | . | . | . | . | . | . | . | . | . |
| 244 | 1SA | TO | AP | C6 | E | K | LC | LP | 06 | 05 | |
| | 04 | 02 | L32 | LO | OE18 | 1SA | 1E18 | OTF | L32 | . | 05 |
| | OMDO | . | 01 | TOB | TO | 04 | LP | . | . | . | |
| | 1SA | TO | AP | D | LC | LP | 06 | 03 | L32 | OE18 | |
| | 1SA | 1E18 | OTF | L32 | . | 06 | AP | . | 01 | TOB | TO |
| | OMDO | ED3 | D | . | . | . | . | . | . | . | 05 |
| | 1SA | TO | CR5 | C6 | E | K | LC | LP | 06 | 05 | |
| | 04 | 02 | L32 | LO | OE18 | 1SA | 1E18 | OTF | L32 | . | 06 |
| | OMDL | . | 01 | TOB | TO | 04 | LP | . | . | . | |
| | 1SA | TO | C6 | D | L32 | OE18 | 1SA | 1E18 | OTF | L32 | |
| | . | 07 | C6 | 01 | TOB | TO | 02 | LC- | . | 03 | KB- |
| | . | 04 | 06- | 08 | C6 | . | 09 | C6 | . | . | K- |
| | 1SA | TO | C3 | TSO | L32 | LO | OE18 | 1SA | 1E18 | OTF | |
| | L32 | . | 07 | TSO | . | 01 | TOB | TO | 02 | LC- | 03 |
| | K- | . | 04 | 06- | . | 08 | C3 | . | 09 | DA- | 10 |
| | | | | | | | | | | | |
| 245 | 1SA | TO | C3 | TSO | L32 | LO | OE18 | 1SA | 1E18 | OTF | |
| | L32 | . | 09 | DA- | . | 01 | TOB | TO | 02 | LC- | 03 |
| | KB- | K- | . | 04 | 06- | 07 | TSO | . | 08 | C3 | 10 |
| | 1SA | TO | C6 | L32 | OE18 | 1SA | 1E18 | OTF | L32 | . | 10 |
| | CTS | . | 01 | TOB | TO | 02 | LC- | . | 03 | KB- | 04 |
| | 06- | . | 07 | C6 | 08 | C6 | . | . | . | . | . |
| | 1SA | TO | C6 | C3 | D | TSO | L32 | OE18 | 1SA | 1E18 | |
| | OTF | L32 | . | 10 | D | 01 | TOB | TO | 02 | LC- | 03 |
| | KB- | K- | . | 04 | 06- | 09 | C6 | . | . | . | . |
| | 1SA | TO | CR5 | C3 | E | K | LP | 06 | 05 | 04 | |
| | 02 | TSO | L32 | OE18 | 1SA | 1E18 | OTF | L32 | . | 10 | OY |

| | | | | | | | | | | | | |
|-----|---|------|------|------|----|------|------|------|------|------|------|------|
| | 01 | TOB | TO | | 04 | LP | | TSO | L32 | OE18 | 1SA | 1E18 |
| | 1SA | TO | C3 | LC | | LP | | TOB | TO | . | . | . |
| | OTF | L32 | . | 10 | LC | . | 01 | | | | | |
| 246 | L32 or test, zero side. Logic for zero side L32 is on boards 326, 327, 328, 329, 435. | | | | | | | | | | | |
| | OSA | AP | CR5 | K | | L32 | | OE18 | OSA | 1E18 | OTF | L32 |
| | 01 | | | | | | | | | | | |
| | 1SA | TO | E | LC | | LP | 05 | 03 | OE18 | OSA | 1E18 | |
| | OTF | L32 | | 01 | | | | | | | | |
| | OSA | LC | L32 | OE18 | | OSA | 1E18 | OTF | L32 | | 02 | . |
| | 1SA | TO | K | LP | | 03 | OE18 | OSA | 1E18 | OTF | | L32 |
| | 02 | | | | | | | | | | | |
| | OSA | K | LC | 03 | | L32 | OE18 | OSA | 1E18 | OTF | | L32 |
| | 03 | | | | | | | | | | | |
| | 1SA | TO | LP | 06 | | OE18 | OSA | 1E18 | OTF | L32 | | 03 |
| | OSA | D | E | K | | LP | 05 | L32 | OE18 | OSA | 1E18 | |
| | OTF | L32 | | 04 | | | | | | | | |
| | 1SA | TO | CR5 | 06 | | 03 | OE18 | OSA | 1E18 | OTF | | L32 |
| | 04 | | | | | | | | | | | |
| | OSA | E | K | LP | | 05 | L32 | OE18 | OSA | 1E18 | OTF | |
| | L32 | | 05 | | | | | | | | | |
| | 1SA | TO | AP | D | | 06 | 03 | OE18 | OSA | 1E18 | OTF | |
| | L32 | | 05 | | | | | | | | | |
| | OSA | D | E | K | | LC | 06 | 05 | 04 | 03 | 02 | |
| | TSO | L32 | OE18 | OSA | | 1E18 | OTF | L32 | . | 06 | . | . |
| 247 | 1SA | TO | C6 | C3 | | OE18 | OSA | 1E18 | OTF | L32 | . | 06 |
| | OSA | C3 | D | E | | K | LC | 06 | 05 | 04 | 03 | |
| | 02 | L32 | OE18 | OSA | | 1E18 | OTF | L32 | | 07 | . | |
| | 1SA | TO | C6 | TSO | | OE18 | OSA | 1E18 | OTF | L32 | . | 07 |
| | OSA | E | K | LC | | 06 | 05 | 04 | 03 | 02 | L32 | |
| | OE18 | OSA | 1E18 | OTF | | L32 | | | | | | |
| | 1SA | TO | C6 | C3 | | D | TSO | 08 | OE18 | OSA | 1E18 | OTF |
| | L32 | | 08 | | | | | | | | | |
| | OSA | D | E | K | | LC | 06 | 05 | 04 | 03 | 02 | |
| | L32 | OE18 | OSA | 1E18 | | OTF | L32 | | 09 | . | . | |
| | 1SA | TO | C3 | TSO | | LO | OE18 | OSA | 1E18 | OTF | L32 | |
| | 09 | | | | | | | | | | | |

| | | | | | | | | | | | |
|-----|--|------|------|------|------|------|------|-----|------|----|------|
| 251 | DA8 or test, one side. Logic for one side DA8 is on boards 239, 336. | | | | | | | | | | |
| | OSA | DSH | DSP | D1 | OE18 | 1SA | 1E18 | 1TF | DA8 | . | 01 |
| | 1SA | DA8 | OE18 | 1SA | 1E18 | 1TF | DA8 | . | . | . | . |
| 252 | DA8 and test, one side. | | | | | | | | | | |
| | 1SA | DA8 | D1 | OE18 | 1SA | 1E18 | OTF | DA8 | . | 01 | D1 |
| | 1SA | DSP | DA8 | OE18 | 1SA | 1E18 | OTF | DA8 | . | 01 | DSPX |
| | DSP | . | . | . | . | . | . | . | . | . | . |
| | 1SA | DSH | DA8 | OE18 | 1SA | 1E18 | OTF | DA8 | . | 01 | DSPX |
| | DSH | . | . | . | . | . | . | . | . | . | . |
| 253 | DA8 or test, zero side. Logic for zero side DA8 is on board 336. | | | | | | | | | | |
| | OSA | DSH | DSP | DA8 | OE18 | OSA | 1E18 | OTF | DA8 | . | 01 |
| | 1SA | D1 | OE18 | OSA | 1E18 | OTF | DA8 | . | . | . | . |
| 254 | DA8 and test, zero side. | | | | | | | | | | |
| | 1SA | OE18 | OSA | 1E18 | 1TF | DA8 | . | 01 | D1- | . | . |
| | 1SA | DSH | DSP | D1 | OE18 | OSA | 1E18 | 1TF | DA8 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |
| 255 | DA7 or test, one side. Logic for one side DA7 is on board 326. | | | | | | | | | | |
| | OSA | DSH | DSP | DA8 | OE18 | 1SA | 1E18 | 1TF | DA7 | . | 01 |
| | 1SA | DA7 | OE18 | 1SA | 1E18 | 1TF | DA7 | . | . | . | . |
| 256 | DA7 and test, one side. | | | | | | | | | | |
| | 1SA | DA8 | DA7 | OE18 | 1SA | 1E18 | OTF | DA7 | . | 01 | DA8 |
| | 1SA | DSH | DSP | DA7 | OE18 | 1SA | 1E18 | OTF | DA7 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |
| 257 | DA7 or test, zero side. Logic for zero side DA7 is on board 326. | | | | | | | | | | |
| | OSA | DSH | DSP | DA7 | OE18 | OSA | 1E18 | OTF | DA7 | . | 01 |
| | 1SA | DA8 | OE18 | OSA | 1E18 | OTF | DA7 | . | . | . | . |
| 258 | DA7 and test, zero side. | | | | | | | | | | |
| | 1SA | OE18 | OSA | 1E18 | 1TF | DA7 | . | 01 | DA8- | . | . |
| | 1SA | DSH | DSP | DA8 | OE18 | OSA | 1E18 | 1TF | DA7 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |
| 259 | DA6 or test, one side. Logic for one side DA6 is on board 321. | | | | | | | | | | |
| | OSA | DSH | DSP | DA7 | OE18 | 1SA | 1E18 | 1TF | DA6 | . | 01 |
| | 1SA | DA6 | OE18 | 1SA | 1E18 | 1TF | DA6 | . | . | . | . |
| 260 | DA6 and test, one side. | | | | | | | | | | |
| | 1SA | DA7 | DA6 | OE18 | 1SA | 1E18 | OTF | DA6 | . | 01 | DA7 |
| | 1SA | DSH | DSP | DA6 | OE18 | 1SA | 1E18 | OTF | DA6 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |

| | | | | | | | | | | | |
|-----|--|------|------|------|------|------|------|-----|------|----|-----|
| 271 | DA3 or test, one side. Logic for one side DA3 is on boards 210, 211. | | | | | | | | | | |
| | OSA | DSH | DSP | DA4 | OE18 | 1SA | 1E18 | 1TF | DA3 | . | 01 |
| | 1SA | DA3 | OE18 | 1SA | 1E18 | 1TF | DA3 | . | . | . | 01 |
| 272 | DA3 and test, one side. | | | | | | | | | | |
| | 1SA | DA4 | DA3 | OE18 | 1SA | 1E18 | OTF | DA3 | . | 01 | DA4 |
| | 1SA | DSH | DSP | DA3 | OE18 | 1SA | 1E18 | OTF | DA3 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |
| 273 | DA3 or test, zero side. Logic for zero side DA3 is on boards 210, 211. | | | | | | | | | | |
| | OSA | DSH | DSP | DA3 | OE18 | OSA | 1E18 | OTF | DA3 | . | 01 |
| | 1SA | DA4 | OE18 | OSA | 1E18 | OTF | DA3 | . | . | . | 01 |
| 274 | DA3 and test, zero side. | | | | | | | | | | |
| | 1SA | OE18 | OSA | 1E18 | 1TF | DA3 | . | 01 | DA4- | . | . |
| | 1SA | DSH | DSP | DA4 | OE18 | OSA | 1E18 | 1TF | DA3 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |
| 275 | DA2 or test, one side. Logic for one side DA2 is on board 340. | | | | | | | | | | |
| | OSA | DSH | DSP | DA3 | OE18 | 1SA | 1E18 | 1TF | DA2 | . | 01 |
| | 1SA | DA2 | OE18 | 1SA | 1E18 | 1TF | DA2 | . | . | . | 01 |
| 276 | DA2 and test, one side. | | | | | | | | | | |
| | 1SA | DA3 | DA2 | OE18 | 1SA | 1E18 | OTF | DA2 | . | 01 | DA3 |
| | 1SA | DSH | DSP | DA2 | OE18 | 1SA | 1E18 | OTF | DA2 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |
| 277 | DA2 or test, zero side. Logic for zero side DA2 is on board 340. | | | | | | | | | | |
| | OSA | DSH | DSP | DA2 | OE18 | OSA | 1E18 | OTF | DA2 | . | 01 |
| | 1SA | DA3 | OE18 | OSA | 1E18 | OTF | DA2 | . | . | . | 01 |
| 278 | DA2 and test, zero side. | | | | | | | | | | |
| | 1SA | OE18 | OSA | 1E18 | 1TF | DA2 | . | 01 | DA3- | . | . |
| | 1SA | DSH | DSP | DA3 | OE18 | OSA | 1E18 | 1TF | DA2 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |
| 279 | DA1 or test, one side. Logic for one side DA1 is on board 440. | | | | | | | | | | |
| | OSA | DSH | DSP | DA2 | OE18 | 1SA | 1E18 | 1TF | DA1 | . | 01 |
| | 1SA | DA1 | OE18 | 1SA | 1E18 | 1TF | DA1 | . | . | . | 01 |
| 280 | DA1 and test, one side. | | | | | | | | | | |
| | 1SA | DA2 | DA1 | OE18 | 1SA | 1E18 | OTF | DA1 | . | 01 | DA2 |
| | 1SA | DSH | DSP | DA1 | OE18 | 1SA | 1E18 | OTF | DA1 | . | 01 |
| | DSPX | . | . | . | . | . | . | . | . | . | . |
| 281 | DA1 or test, zero side. Logic for zero side DA1 is on board 440. | | | | | | | | | | |
| | OSA | DSH | DSP | DA1 | OE18 | OSA | 1E18 | OTF | DA1 | . | 01 |
| | 1SA | DA2 | OE18 | OSA | 1E18 | OTF | DA1 | . | . | . | 01 |

| Tape stops | Marker number | |
|------------|---------------|--|
| | 282 | DA1 and test, zero side. 1SA OE18 OSA 1E18 1TF DA1 . 01 DA2- 1SA DSH DSP DA2 OE18 OSA 1E18 1TF DA1 . 01 DSPX |
| | 283 | OP1 or test, one side. Logic for one side OP1 is on board 318. OSA TO C7 C2 E K 05 04 03 02 OE18 1SA 1E18 1TF OP1 01 OE18 1SA 1E18 1TF 1SA TX C5 OP1 06 TP OE18 OP1 . 01 |
| | 284 | OP1 and test, one side. 1SA TX C5 C2 OP1 06 TP OE18 1SA 1E18 OTF OP1 . 01 C2 1SA TO C7 C5 E K OP1 05 04 03 02 OE18 1SA 1E18 OTF OP1 01 OX0 . . 1SA TX OP1 06 TP OE18 1SA 1E18 OTF OP1 . 01 C5- |
| | 285 | OP1 or test, zero side. Logic for zero side OP1 is on board 318. OSA TO C7 E K OP1 05 04 03 02 OE18 OSA 1E18 OTF OP1 01 1SA TX C5 C2 06 TP PS OE18 OSA 1E18 OTF OP1 . 01 OSA TX C5 C2 OP1 06 TP PS OE18 OSA 1E18 OTF OP1 . 02 1SA TO C7 E K 05 04 03 02 OE18 OSA 1E18 OTF OP1 . 02 |
| | 286 | OP1 and test, zero side. 1SA TX C5 06 TP PS OE18 OSA 1E18 1TF . 01 C2- . 02 *TD PS 1SA TO C7 C5 C2 E K 05 04 03 02 02 PS OE18 OSA 1E18 1TF OP1 . 01 OX0 . 02 *TD PS 1SA TX C2 06 TP PS OE18 OSA 1E18 1TF OP1 . 01 C5- . 02 *TD PS 1SA TO C7 E K 05 04 03 02 PS OE18 OSA 1E18 1TF OP1 . 02 *TD |
| | 287 | OP2 or test, one side. Logic for one side OP2 is on board 223. OSA TO C7 C3 E K 05 04 03 02 OE18 1SA 1E18 1TF OP2 01 1SA TX C5 OP2 06 TP OE18 1SA 1E18 1TF OP2 . 01 |

| | | | | | | | | | | |
|-----|--|--------|--------|-------|--------|------|--------|--------|--------|------|
| 288 | OP2 and test, one side. | | | | | | | | | |
| | 1SA | TX | C3 | OP2 | 06 | TP | OE18 | 1SA | 1E18 | OTF |
| | OP2 | . | 01 C3 | . | . | . | . | . | . | . |
| | 1SA | TO | C7 | C5 | E | K | OP2 | 05 | 04 | 03 |
| | 02 | OE18 | 1SA | 1E18 | OTF | OP2 | . | 01 OXO | . | . |
| | 1SA | TX | OP2 | 06 | TP | OE18 | 1SA | 1E18 | OTF | OP2 |
| | . | 01 C5- | . | . | . | . | . | . | . | . |
| 289 | OP2 or test, zero side. Logic for zero side OP2 is on boards 222, 223. | | | | | | | | | |
| | OSA | TO | C7 | E | K | OP2 | 05 | 04 | 03 | 02 |
| | OE18 | OSA | 1E18 | OTF | OP2 | . | 01 | . | . | . |
| | 1SA | TX | C5 | C3 | 06 | TP | PS | OE18 | OSA | 1E18 |
| | OTF | OP2 | . | 01 | . | . | . | . | . | . |
| | OSA | TX | C5 | C3 | OP2 | 06 | TP | PS | OE18 | OSA |
| | 1E18 | OTF | OP2 | . | 02 | . | . | . | . | . |
| | 1SA | TO | C7 | E | K | 05 | 04 | 03 | 02 | OE18 |
| | OSA | 1E18 | OTF | OP2 | . | 02 | . | . | . | . |
| 290 | OP2 and test, zero side. | | | | | | | | | |
| | 1SA | TX | C5 | 06 | TP | PS | OE18 | OSA | 1E18 | 1TF |
| | OP2 | . | 01 C3- | . | 02 *TD | PS | . | . | . | . |
| | 1SA | TO | C7 | C5 | C3 | E | K | 05 | 04 | 03 |
| | 02 | PS | OE18 | OSA | 1E18 | 1TF | OP2 | . | 01 OXO | . |
| | *TD | PS | . | . | . | . | . | . | . | 02 |
| | 1SA | TX | C3 | 06 | TP | PS | OE18 | OSA | 1E18 | 1TF |
| | OP2 | . | 01 C5- | . | 02 *TD | PS | . | . | . | . |
| | 1SA | TO | C7 | E | K | 05 | 04 | 03 | 02 | PS |
| | OE18 | OSA | 1E18 | 1TF | OP2 | . | 02 *TD | . | . | . |
| 291 | OP3 or test, one side. Logic for one side OP3 is on boards 334, 335. | | | | | | | | | |
| | OSA | TO | C7 | C4 | E | K | 05 | 04 | 03 | 02 |
| | OE18 | 1SA | 1E18 | 1TF | OP3 | . | 01 | . | . | . |
| | 1SA | TX | C5 | OP3 | 06 | TP | OE18 | 1SA | 1E18 | 1TF |
| | OP3 | . | 01 | . | . | . | . | . | . | . |
| 292 | OP3 and test, one side. | | | | | | | | | |
| | 1SA | TX | C5 | C4 | OP3 | 06 | TP | OE18 | 1SA | 1E18 |
| | OTF | OP3 | . | 01 C4 | . | . | . | . | . | . |
| | 1SA | TO | C7 | C5 | E | K | OP3 | 05 | 04 | 03 |
| | 02 | OE18 | 1SA | 1E18 | OTF | OP3 | . | 01 OXO | . | . |
| | 1SA | TX | OP3 | 06 | TP | OE18 | 1SA | 1E18 | OTF | OP3 |
| | . | 01 C5- | . | . | . | . | . | . | . | . |

Tape stops Marker number

| | | | | | | | | | | |
|-----|--|--------|--------|---------|--------|---------|--------|-------|--------|--------|
| 293 | OP3 or test, zero side. Logic for zero side OP3 is on boards 334, 335. | | | | | | | | | |
| | OSA | TO | C7 | E | K | OP3 | 05 | 04 | 03 | 02 |
| | OE18 | OSA | 1E18 | OTF | OP3 | . | 01 | . | . | . |
| | 1SA | TX | C5 | C4 | 06 | TP | PS | OE18 | OSA | 1E18 |
| | OTF | OP3 | . | 01 | . | . | . | . | . | . |
| | OSA | TX | C5 | C4 | OP3 | 06 | TP | PS | OE18 | OSA |
| | 1E18 | OTF | OP3 | . | 02 | . | . | . | . | . |
| | 1SA | TO | C7 | E | K | 05 | 04 | 03 | 02 | OE18 |
| | OSA | 1E18 | OTF | OP3 | . | 02 | . | . | . | . |
| 294 | OP3 and test, zero side. | | | | | | | | | |
| | 1SA | TX | C5 | 06 | TP | PS | OE18 | OSA | 1E18 | 1TF |
| | OP3 | . | 01 C4- | . | 02 *TD | PS | . | . | . | . |
| | 1SA | TO | C7 | C5 | C4 | E | K | 05 | 04 | 03 |
| | 02 | PS | OE18 | OSA | 1E18 | 1TF | OP3 | . | 01 OX0 | . |
| | *TD | PS | . | . | . | . | . | . | . | 02 |
| | 1SA | TX | C4 | 06 | TP | PS | OE18 | OSA | 1E18 | 1TF |
| | OP3 | . | 01 C5- | . | 02 *TD | PS | . | . | . | . |
| | 1SA | TO | C7 | E | K | 05 | 04 | 03 | 02 | PS |
| | OE18 | OSA | 1E18 | 1TF | OP3 | . | 02 *TD | . | . | . |
| 295 | 06 or test, one side. Logic for one side 06 is on board 22. | | | | | | | | | |
| | OSA | IC | K | OB6 | TP | OE18 | 1SA | 1E18 | 1TF | 06 |
| | . | 01 | . | . | . | . | . | . | . | . |
| | 1SA | TX | D | 06 | OE18 | 1SA | 1E18 | 1TF | 06 | . |
| | OSA | AK | D | E | OE18 | 1SA | 1E18 | 1TF | 06 | 01 |
| | 1SA | ID | K | 06 | OE18 | 1SA | 1E18 | 1TF | 06 | 02 |
| | OSA | TX | AK | K | OE18 | 1SA | 1E18 | 1TF | 06 | 02 |
| | 1SA | D | E | IC | OB6 | 06 | TP | OE18 | 1SA | 1E18 |
| | 1TF | 06 | . | 03 | . | . | . | . | . | . |
| | OSA | E | OE18 | 1SA | 1E18 | 1TF | 06 | . | 04 | . |
| | 1SA | AK | D | K | 06 | OE18 | 1SA | 1E18 | 1TF | 06 |
| | . | 04 | . | . | . | . | . | . | . | . |
| 296 | 06 and test, one side. | | | | | | | | | |
| | 1SA | TX | D | E | OB6 | 06 | OE18 | 1SA | 1E18 | OTF |
| | 06 | . | 01 OB6 | . | 03 TX | . | . | . | . | . |
| | 1SA | TX | D | E | IC | 06 | TP | OE18 | 1SA | 1E18 |
| | OTF | 06 | . | 01 ICP | . | 03 TX | . | . | . | . |
| | 1SA | TX | D | E | IC | ID | OB6 | 06 | TP | OE18 |
| | 1SA | 1E18 | OTF | 06 | . | 02 KED3 | . | 03 TX | . | . |
| | 1SA | AK | ID | K | 06 | OE18 | 1SA | 1E18 | OTF | 06 |
| | . | 02 AKA | . | 04 KSVO | KED2 | D- | . | . | . | . |
| | 1SA | K | 06 | OE18 | 1SA | 1E18 | OTF | 06 | . | 02 ID- |
| | 1SA | E | IC | ID | K | OB6 | 06 | TP | OE18 | 1SA |

| | | | | | | | | | | | | |
|-----|--|-----|------|------|----|------|------|----|------|------|------|------|
| | 1E18 | OTF | 06 | . | 03 | KD2 | . | 02 | KED3 | FD3 | E | . |
| | 1SA | D | IC | OB6 | | 06 | TP | | OE18 | 1SA | 1E18 | OTF |
| | 06 | . | 03 | E- | . | . | . | . | . | . | . | . |
| 297 | 1SA | AK | D | E | | IC | OB6 | | 06 | TP | OE18 | 1SA |
| | 1E18 | OTF | 06 | . | 03 | AK | . | | . | . | OE18 | . |
| | 1SA | TX | D | E | | IC | OB6 | | 06 | TP | OE18 | 1SA |
| | 1E18 | OTF | 06 | . | 04 | KSUO | . | 03 | TX | . | . | . |
| 298 | 06 or test, zero side. Logic for zero side 06 is on board 222. | | | | | | | | | | | |
| | OSA | IC | K | 06 | | TP | OE18 | | OSA | 1E18 | OTF | 06 |
| | . | 01 | . | . | | . | . | | . | . | . | . |
| | 1SA | D | OB6 | OE18 | | OSA | 1E18 | | OTF | 06 | 01 | . |
| | OSA | AK | D | E | | ID | 06 | | OE18 | OSA | 1E18 | OTF |
| | 06 | . | 02 | . | | . | . | | . | . | . | . |
| | 1SA | K | OE18 | OSA | | 1E18 | OTF | | 06 | 02 | . | . |
| | OSA | K | 06 | 03 | | OE18 | OSA | | 1E18 | OTF | 06 | 03 |
| | 1SA | AK | D | E | | PE | TP | | OE18 | OSA | 1E18 | OTF |
| | 06 | . | 03 | . | | . | . | | . | . | . | . |
| | OSA | D | E | K | | 06 | 05 | | 03 | TP | OE18 | OSA |
| | 1E18 | OTF | 06 | . | 04 | . | . | | . | . | . | . |
| | 1SA | AK | 04 | OE18 | | OSA | 1E18 | | OTF | 06 | 04 | . |
| | OSA | AK | OB4 | 06 | | OE18 | OSA | | 1E18 | OTF | 06 | 05 |
| | 1SA | D | E | K | | OB2 | OE18 | | OSA | 1E18 | OTF | 06 |
| | . | 05 | . | . | | . | . | | . | . | . | . |
| 299 | 06 and test, zero side. | | | | | | | | | | | |
| | 1SA | AK | D | E | | PE | OE18 | | OSA | 1E18 | 1TF | 06 |
| | . | 01 | OB6- | 03 | | TP- | . | | . | . | . | . |
| | 1SA | IC | ID | K | | OB6 | OB4 | | 05 | 03 | OE18 | OSA |
| | 1E18 | 1TF | 06 | . | 01 | ICP | . | 02 | ID | . | . | . |
| | 1SA | D | E | IC | | OB4 | PE | | TP | OE18 | OSA | 1E18 |
| | 1TF | 06 | . | 02 | | KED3 | 03 | | EAKO | AKA- | AK- | . |
| | 1SA | AK | K | 04 | | OE18 | OSA | | 1E18 | 1TF | 06 | 02 |
| | AKA | . | 04 | OTL | | K | 04 | | OTL | KD3 | K | . |
| | 1SA | AK | D | E | | K | OB2 | | TP | PE | OE18 | OSA |
| | 1E18 | 1TF | 06 | . | 03 | KD2 | . | 05 | KIOA | AK | . | . |
| | 1SA | D | E | OB6 | | OB2 | TP | | OE18 | OSA | 1E18 | 1TF |
| | 06 | . | 03 | EAKO | | 01 | ICP | | TP | 05 | KIOA | . |
| | 1SA | AK | D | E | | OB6 | 03 | | PE | TP | OE18 | OSA |
| | 1E18 | 1TF | 06 | . | 03 | 03 | . | 01 | ICP | TP | . | . |

| Tape stops | Marker number | | | | | | | | | | | |
|------------|---------------|--|---------|--------|--------|---------|---------|--------|------|------|--------|------|
| | 300 | 1SA | AK | IC | K | 05 | 03 | OE18 | OSA | 1E18 | 1TF | |
| | | 06 | . | 04 OTL | . | 02 AKA | AK | . | OSA | 1E18 | 1TF | . |
| | | 1SA | OB6 | 04 | OE18 | OSA | 1E18 | 1TF | 06 | . | 04 AK- | . |
| | | . | 01 ICP | KDIC | D- | . | 02 KED3 | KC- | K- | . | . | . |
| | | 1SA | AK | 04 | TP | OE18 | OSA | 1E18 | 1TF | 06 | . | 04 |
| | | TPA | . | . | . | . | . | . | . | . | . | . |
| | | 1SA | IC | ID | K | OB4 | OB2 | 05 | 03 | OE18 | OSA | . |
| | | 1E18 | 1TF | 06 | . | 05 KIOA | . | 02 ID | . | . | . | . |
| | | 1SA | D | E | K | OB6 | OE18 | 02 OSA | 1E18 | 1TF | 06 | . |
| | | . | 05 OB2- | . | 01 ICP | KDIC | K | . | . | . | . | . |
| | 301 | ID or test, one side. Logic for one side ID is on boards 228, 229. | | | | | | | | | | |
| | | OSA | B5 | CL7 | CR2 | DSP | D | OB3 | PE | OE18 | 1SA | . |
| | | 1E18 | 1TF | ID | . | 01 | . | . | . | . | . | . |
| | | 1SA | TX | B6 | B4 | CL2 | CP6 | ID | LC | OB2 | 05 | . |
| | | TSO | TP | OE18 | 1SA | 1E18 | 1TF | ID | . | 01 | . | . |
| | | OSA | B4 | B3 | B2 | B1 | CL2 | CP7 | CP6 | D | IP | . |
| | | K | PE | TSO | OE18 | 1SA | 1E18 | 1TF | ID | . | 02 | . |
| | | 1SA | TX | CL7 | CR2 | FS | ID | MC | OE18 | 1SA | 1E18 | . |
| | | 1TF | ID | . | 02 | . | . | . | . | . | . | . |
| | | OSA | B6 | B5 | CL7 | CL2 | CP7 | CP6 | D | K | PE | . |
| | | OE18 | 1SA | 1E18 | 1TF | ID | . | 03 | TSO | OE18 | 1SA | 1E18 |
| | | 1SA | TX | B4 | FS | ID | IP | . | . | . | . | . |
| | | 1TF | ID | . | 03 | . | . | . | . | . | . | . |
| | | OSA | B4 | CL7 | D | K | PE | OE18 | 1SA | 1E18 | 1TF | . |
| | | ID | . | 04 | . | . | . | . | . | . | . | . |
| | 302 | 1SA | TX | B6 | B5 | B3 | B2 | B1 | CL2 | ID | MC | . |
| | | TSO | OE18 | 1SA | 1E18 | 1TF | ID | . | 04 | . | . | . |
| | | OSA | B4 | CL7 | DSP | D | MC | OB3 | PE | OE18 | 1SA | . |
| | | 1E18 | 1TF | ID | . | 05 | . | . | . | . | . | . |
| | | 1SA | TX | B6 | B5 | B3 | B2 | B1 | CL2 | CP6 | ID | . |
| | | K | LC | OB2 | 05 | TSO | TP | OE18 | 1SA | 1E18 | 1TF | . |
| | | ID | . | 05 | . | . | . | . | . | . | . | . |
| | | OSA | B6 | CP7 | CP6 | DSP | D | OB3 | 02 | PE | TSO | . |
| | | OE18 | 1SA | 1E18 | 1TF | ID | . | 06 | . | . | . | . |
| | | 1SA | CL2 | CP6 | FS | ID | K | LC | OB2 | 05 | 03 | . |
| | | TP | IX | OE18 | 1SA | 1E18 | 1TF | ID | . | 06 | PE | TSO |
| | | OSA | B6 | CP7 | CP6 | DSP | D | OB3 | 03 | . | . | . |
| | | OE18 | 1SA | 1E18 | 1TF | ID | . | 07 | . | . | . | . |
| | | 1SA | CL2 | CP6 | FS | ID | K | LC | OB2 | 05 | 02 | . |
| | | TP | IX | OE18 | 1SA | 1E18 | 1TF | ID | . | 07 | . | . |

| | | | | | | | | | | | |
|-----|------------------------|------|------|------|------|------|------|------|------|------|------|
| 303 | OSA | TX | B3 | B2 | B1 | CL7 | CP7 | CP6 | IP | K | |
| | OE18 | 1SA | 1E18 | 1TF | ID | . | 08 | . | . | . | |
| | 1SA | AK | B4 | CL2 | CR2 | D | E | FS | ID | MC | |
| | PE | TSO | OE18 | 1SA | 1E18 | 1TF | ID | . | 08 | . | |
| | OSA | B6 | CL7 | CL2 | DSP | D | FS | IP | OB3 | PE | |
| | TSO | CP6 | IX | OE18 | 1SA | 1E18 | 1TF | ID | . | 09 | |
| | 1SA | TX | B4 | CP7 | ID | LC | OB2 | 05 | 03 | 02 | |
| | TP | OE18 | 1SA | 1E18 | 1TF | ID | . | 09 | . | . | |
| | OSA | B6 | CL7 | CL2 | DSP | D | FS | TP | OB3 | PE | |
| | TSO | CP7 | IX | OE18 | 1SA | 1E18 | 1TF | ID | . | 10 | |
| | 1SA | TX | B4 | CP6 | ID | LC | OB2 | 05 | 03 | 02 | |
| | TP | OE18 | 1SA | 1E18 | 1TF | ID | . | 10 | . | . | |
| | OSA | AK | B3 | B2 | B1 | CP6 | CP7 | OB2 | TP | IX | |
| | OE18 | 1SA | 1E18 | 1TF | ID | . | 11 | . | . | . | |
| | 1SA | B4 | CL2 | CR2 | DSP | D | E | FS | ID | K | |
| | MC | OB3 | 04 | 03 | 02 | PE | TSO | OE18 | 1SA | 1E18 | |
| | 1TF | ID | . | 11 | . | . | . | . | . | . | |
| 304 | OSA | AK | B3 | B2 | B1 | CP7 | CP6 | E | LC | 05 | |
| | 04 | TP | IX | OE18 | 1SA | 1E18 | 1TF | ID | . | 12 | |
| | 1SA | B4 | CL2 | CR2 | D | FS | ID | K | MC | 03 | |
| | 02 | PE | TSO | OE18 | 1SA | 1E18 | 1TF | ID | . | 12 | |
| 305 | ID and test, one side. | | | | | | | | | | |
| | 1SA | TX | B6 | B4 | CL2 | CP6 | CR2 | ID | LC | OB2 | |
| | 05 | TSO | TP | OE18 | 1SA | 1E18 | OTF | ID | . | 01 | CR2 |
| | 1SA | TX | B5 | B4 | CL2 | CP6 | FS | ID | LC | MC | |
| | OB2 | 05 | 03 | 02 | TSO | TP | OE18 | 1SA | 1E18 | OTF | |
| | ID | . | 01 | TRC | . | . | . | . | . | . | |
| | 1SA | TX | B6 | CL7 | CL2 | CR2 | ID | MC | OE18 | 1SA | |
| | 1E18 | OTF | ID | . | 02 | CL2 | CR2 | . | . | . | |
| | 1SA | TX | B6 | CR2 | FS | ID | MC | OE18 | 1SA | 1E18 | |
| | OTF | ID | . | 02 | CL7- | . | 01 | CR2 | . | . | |
| | 1SA | TX | B6 | B4 | CL7 | CP6 | CR2 | FS | ID | LC | |
| | MC | OB2 | 05 | 03 | 02 | TSO | TP | OE18 | 1SA | 1E18 | |
| | OTF | ID | . | 02 | KT32 | . | 01 | CR2 | . | . | |
| | 1SA | TX | CL7 | CL2 | CP7 | ID | CP6 | ID | IP | IX | OE18 |
| | 1SA | 1E18 | OTF | ID | . | 03 | CL2 | . | 01 | TRC | B6- |
| | CL2 | . | 06 | KA- | K- | . | 07 | KA- | K- | . | 02 |
| | CL2 | . | . | . | . | . | . | . | 09 | CL2 | . |
| | | | | | | | | | | | 10 |

Tape stops **Marker number**

| | | | | | | | | | | | |
|-----|------|--------|--------|--------|--------|--------|---------|--------|--------|--------|----|
| 306 | 1SA | TX | B4 | FS | ID | TSO | OE18 | 1SA | 1E18 | OTF | |
| | ID | . | 03 IP- | . | 01 TRC | B6- | . | . | . | . | |
| | 1SA | TX | B6 | B4 | CR2 | FS | ID | IP | MC | TSO | |
| | OE18 | 1SA | 1E18 | OTF | ID | . | 03 TLC | . | 01 CR2 | . | |
| | 1SA | TX | B4 | CP6 | FS | ID | IP | K | LC | OB2 | |
| | 05 | 03 | 02 | TSO | TP | OE18 | 1SA | 1E18 | OTF | ID | |
| | . | 03 KA | . | 01 TRC | B6- | . | . | . | . | . | |
| | 1SA | TX | B6 | B4 | B3 | B2 | B1 | CL2 | CR2 | FS | |
| | ID | MC | TSO | OE18 | 1SA | 1E18 | OTF | ID | . | 04 TRS | |
| | . | 01 CR2 | . | . | . | . | . | . | . | . | |
| | 1SA | TX | B6 | B5 | CL2 | ID | MC | TSO | OE18 | 1SA | |
| | 1E18 | OTF | ID | . | 04 BLO | . | 01 TRC | B5 | CP6 | ID | |
| | 1SA | TX | B6 | B5 | B3 | B2 | B1 | CL2 | 1SA | 1E18 | |
| | K | LC | MC | OB2 | 05 | TSO | TP | OE18 | 1SA | . | |
| | OTF | ID | . | 04 KA | . | 01 TRC | B5 | . | 05 MC | . | |
| 307 | 1SA | TX | B6 | B4 | B3 | B2 | B1 | CL2 | CP6 | CR2 | |
| | FS | ID | LC | OB2 | 05 | 03 | 02 | TSO | TP | OE18 | |
| | 1SA | 1E18 | OTF | ID | . | 05 TRS | . | 01 CR2 | . | . | |
| | 1SA | TX | B6 | B5 | CL2 | CP6 | ID | LC | OB2 | 05 | |
| | TSO | TP | OE18 | 1SA | 1E18 | OTF | ID | . | 05 BLO | . | 01 |
| | TRC | B5 | . | . | . | . | . | . | . | . | |
| | 1SA | TX | B4 | CL2 | CP6 | FS | ID | LC | OB2 | 05 | |
| | 03 | TP | IX | OE18 | 1SA | 1E18 | OTF | ID | . | 06 KA- | |
| | . | 01 TRC | B6- | . | ID | K | LC | OB2 | 01 | 05 TRC | |
| | 1SA | CL2 | CP6 | FS | ID | . | 06 IX- | . | . | . | |
| | OE18 | 1SA | 1E18 | OTF | ID | . | . | . | . | . | |
| | . | 07 IX- | . | . | . | . | . | . | . | . | |
| | 1SA | CL2 | CP6 | FS | ID | K | LC | OB2 | 05 | 03 | |
| | 02 | TP | IX | OE18 | 1SA | 1E18 | OTF | ID | . | 06 02A | |
| | . | 01 TRC | B6- | . | 07 03 | . | . | . | . | . | |
| 308 | 1SA | B6 | B4 | CL2 | CP6 | CR2 | FS | ID | K | LC | |
| | MC | OB2 | 05 | 03 | TSO | TP | IX | OE18 | 1SA | 1E18 | |
| | OTF | ID | . | 06 T32 | . | 01 CR2 | . | . | . | . | |
| | 1SA | TX | B4 | CL2 | CP6 | FS | ID | LC | OB2 | 05 | |
| | 02 | TP | IX | OE18 | 1SA | 1E18 | OTF | ID | . | 07 KA- | |
| | . | 01 TRC | B6- | . | . | . | . | . | . | . | |
| | 1SA | B6 | B4 | CL2 | CP6 | CR2 | FS | ID | K | LC | |
| | MC | OB2 | 05 | 02 | TSO | TP | IX | OE18 | 1SA | 1E18 | |
| | OTF | ID | . | 07 T32 | . | 01 CR2 | . | . | . | . | |
| | 1SA | AK | B6 | B4 | CL2 | CR2 | E | FS | ID | MC | |
| | 03 | 02 | PE | TSO | OE18 | 1SA | 1E18 | OTF | ID | . | 08 |
| | KD2 | . | 01 CR2 | . | . | . | . | . | . | . | |
| | 1SA | B6 | B4 | CL2 | CR2 | D | FS | ID | MC | TSO | |
| | OE18 | 1SA | 1E18 | OTF | ID | . | 08 EAKO | . | 01 CR2 | . | |

| | | | | | | | | | | | | |
|-----|------|----|----|------|------|------|------|------|------|------|------|------|
| 309 | 1SA | | | AK | B6 | B4 | CL2 | CR2 | D | E | FS | |
| | ID | | | PE | TSO | OE18 | 1SA | 1E18 | OTF | ID | . | 08 |
| | TXB | | 08 | CR2 | . | . | . | . | . | . | . | |
| | 1SA | | | B4 | ID | LC | OB2 | 05 | 03 | 02 | TP | 01 |
| | OE18 | | | 1E18 | OTF | ID | . | 09 | CP7 | 10 | CP6 | . |
| | TRC | | | B6- | IP- | . | . | . | . | . | . | |
| | 1SA | | | B4 | CP6 | CP7 | CR2 | ID | LC | MC | B6 | |
| | 03 | | | TP | OE18 | 1SA | 1E18 | OTF | ID | . | 09 | FS |
| | . | 01 | | B6- | . | IP- | . | . | ID | . | . | |
| | 1SA | | | B6 | B4 | CP6 | CP7 | CR2 | ID | LC | MC | |
| | OB2 | | | 03 | 02 | TSO | TP | OE18 | 1SA | 1E18 | OTF | |
| | ID | | | 09 | T32 | . | 01 | CR2 | . | . | . | |
| | 1SA | | | B4 | CP7 | FS | ID | LC | OB2 | 05 | 03 | |
| | 02 | | | OE18 | 1SA | 1E18 | OTF | ID | . | 10 | FS | 01 |
| | TRC | | | B6- | IP- | . | . | . | . | . | . | |
| | 1SA | | | B6 | B4 | CP7 | CR2 | ID | LC | MC | OB2 | |
| | 05 | | | 02 | TSO | TP | OE18 | 1SA | 1E18 | OTF | ID | |
| | . | 10 | | T32 | . | CR2 | . | . | . | . | . | |
| 310 | 1SA | | | B4 | CL2 | CP6 | CR2 | DSP | D | E | FS | |
| | ID | | | MC | OB3 | 04 | 03 | 02 | PE | TSO | OE18 | |
| | 1SA | | | OTF | ID | . | 10 | CP6 | . | 01 | CR2 | . |
| | 1SA | | | B4 | CL2 | CR2 | DSP | D | E | FS | ID | |
| | K | | | OB3 | 03 | 02 | PE | TSO | OE18 | 1SA | 1E18 | |
| | OTF | | | . | 10 | 04A- | 01 | CR2 | . | 11 | KS01 | E |
| | 1SA | | | B6 | B4 | CL2 | CR2 | FS | ID | MC | OB2 | |
| | 04 | | | 02 | PE | TSO | OE18 | 1SA | 1E18 | OTF | ID | |
| | . | 10 | | OSH | . | CR2 | . | . | . | . | . | |
| | 1SA | | | B6 | B4 | CL2 | CR2 | FS | ID | MC | 03 | |
| | 02 | | | TSO | OE18 | 1SA | 1E18 | OTF | ID | . | 11 | KS01 |
| | . | 01 | | . | . | . | . | . | . | . | . | |
| | 1SA | | | B4 | CL2 | CR2 | DSP | D | FS | ID | K | |
| | MC | | | 05 | 04 | 03 | 02 | PE | TSO | OE18 | 1SA | |
| | 1E18 | | | ID | . | 11 | 054 | . | 01 | CR2 | 10 | OSH |
| | 1SA | | | B4 | CL2 | CR2 | D | FS | ID | K | E- | |
| | MC | | | 02 | PE | TSO | OE18 | 1SA | 1E18 | OTF | LC | |
| | . | 11 | | . | 01 | CR2 | . | . | . | . | ID | |
| 311 | 1SA | | | B4 | CL2 | CR2 | D | FS | ID | K | MC | |
| | 03 | | | PE | TSO | TP | OE18 | 1SA | 1E18 | OTF | ID | |
| | . | | | . | 01 | CR2 | . | . | . | . | . | |
| | 1SA | | | B4 | CL2 | CR2 | D | FS | ID | K | MC | |
| | 03 | | | TSO | OE18 | 1SA | 1E18 | OTF | ID | . | 11 | PE- |
| | . | 01 | | . | . | . | . | . | . | . | . | |

Tape stops **Marker number**

| 312 | ID or test, zero side. | | | | Logic for zero side | ID is | on boards | 228, 229, 230. | | | |
|------|-------------------------|------|------|------|---------------------|-------|----------------|----------------|------|----|--|
| OSA | B4 | B2 | B1 | ID | OE18 | OSA | 228, 229, 230. | OTF | ID | | |
| 1SA | TO | B6 | B5 | B3 | D | IP | K | TP | XC | | |
| OE18 | OSA | 1E18 | OTF | ID | 01 | K | OE18 | OSA | 1E18 | | |
| OSA | B6 | B4 | B3 | ID | IP | K | OE18 | OSA | 1E18 | | |
| OTF | ID | | 02 | | | | | | | | |
| 1SA | TO | B5 | B2 | B1 | D | TP | XC | OE18 | OSA | | |
| 1E18 | OTF | ID | | 02 | | | | | | | |
| OSA | B4 | B3 | ID | IP | OE18 | OSA | 1E18 | OTF | ID | | |
| 1SA | TO | B6 | B5 | B2 | B1 | D | K | TP | XC | | |
| OE18 | OSA | 1E18 | OTF | ID | 03 | | | | | | |
| OSA | TO | B6 | B5 | B2 | B1 | ID | IP | OE18 | OSA | | |
| 1E18 | OTF | ID | | 04 | | | | | | | |
| 1SA | B4 | B3 | D | K | TP | XC | OE18 | OSA | 1E18 | | |
| OTF | ID | | 04 | | | | | | | | |
| 313 | OSA | B6 | B5 | B2 | B1 | D | ID | IP | K | TP | |
| XC | OE18 | OSA | 1E18 | OTF | ID | ID | 05 | | | | |
| 1SA | TO | B4 | B3 | OE18 | OSA | 1E18 | OTF | ID | | 05 | |
| 314 | ID and test, zero side. | | | | | | | | | | |
| 1SA | TO | B6 | B5 | B3 | D | K | TP | XC | OE18 | | |
| OSA | 1E18 | 1TF | ID | | 01 | 1P- | TO | | | | |
| 1SA | TO | B6 | B5 | B3 | CL7 | D | ID | IP | TP | | |
| XC | OE18 | BSC | ID | 1E18 | 1TF | ID | | 01 | ID | 04 | |
| TO | | | | | | | | | | | |
| 1SA | TO | B4 | B3 | D | IP | K | TP | XC | OE18 | | |
| OSA | 1E18 | 1TF | ID | | 01 | TRS | TO | | | | |
| 1SA | TO | B4 | B2 | B1 | D | TP | XC | OE18 | OSA | | |
| 1E18 | 1TF | ID | | 02 | TBS | | | | | | |
| 1SA | TO | B5 | B3 | D | TP | XC | OE18 | OSA | 1E18 | | |
| 1TF | ID | | 02 | BL4 | | | | | | | |
| 1SA | TO | B5 | B2 | B1 | D | K | TP | XC | OE18 | | |
| OSA | 1E18 | 1TF | ID | | 02 | KA | TRS | B6- | | 05 | |
| TO | | | | | | | | | | | |
| 1SA | TO | B4 | B2 | B1 | D | K | TP | XC | OE18 | | |
| OSA | 1E18 | 1TF | ID | | 03 | TRS | TO | | | | |

| | | | | | | | | | | |
|-----|--|--------|--------|-------|-------|--------|------|--------|------|-------|
| 315 | 1SA | TO | B6 | B5 | B3 | D | K | TP | XC | OE18 |
| | OSA | 1E18 | 1TF | ID | . | 03 BL4 | . | 01 IP- | . | 04 TO |
| | 1SA | TO | B4 | B3 | D | K | OE18 | OSA | 1E18 | 1TF |
| | ID | . | 05 KD3 | . | 04 TO | . | . | . | . | . |
| | 1SA | TO | B4 | B3 | XC | OE18 | OSA | 1E18 | 1TF | ID |
| | . | 05 XC | . | 04 TO | . | . | . | . | . | . |
| | 1SA | TO | B4 | B3 | TP | OE18 | OSA | 1E18 | 1TF | ID |
| | . | 05 TPB | . | 04 TO | . | . | . | . | . | . |
| 316 | IP or test, one side. Logic for one side IP is on boards 317, 318. | | | | | | | | | |
| | OSA | IX | OE18 | 1SA | 1E18 | 1TF | IP | . | 01 . | . |
| | 1SA | TX | IC | IP | TP | OE18 | 1SA | 1E18 | 1TF | IP |
| | . | 01 . | . | . | . | . | . | . | . | . |
| | OSA | D | IC | K | TP | OE18 | 1SA | 1E18 | 1TF | IP |
| | . | 02 . | . | . | . | . | . | . | . | . |
| | 1SA | IP | MN | NC | 04 | IX | OE18 | 1SA | 1E18 | 1TF |
| | IP | . | 02 . | . | . | . | . | . | . | . |
| | OSA | BI | D | IC | K | NC | TP | OE18 | 1SA | 1E18 |
| | 1TF | IP | . | 03 . | . | . | . | . | . | . |
| | 1SA | IP | MN | 04 | OE18 | 1SA | 1E18 | 1TF | IP | . |
| | OSA | IC | K | MN | 04 | 03 | OE18 | 1SA | 1E18 | 1TF |
| | IP | . | 04 . | . | . | . | . | . | . | 03 |
| | 1SA | BI | D | IP | 06 | 05 | TP | OE18 | 1SA | 1E18 |
| | 1TF | IP | . | 04 . | . | . | . | . | . | . |
| | OSA | AK | IC | QX | OE18 | 1SA | 1E18 | 1TF | IP | . |
| | 1SA | IP | K | OE18 | 1SA | 1E18 | 1TF | IP | . | 05 |
| | OSA | IC | K | MP | 05 | 03 | OE18 | 1SA | 1E18 | 1TF |
| | IP | . | 06 . | . | . | . | . | . | . | . |
| 317 | 1SA | D | IP | 06 | TP | OE18 | 1SA | 1E18 | 1TF | IP |
| | . | 06 . | . | . | . | . | . | . | . | . |
| | OSA | IC | K | MP | OE18 | 1SA | 1E18 | 1TF | IP | . |
| | 1SA | D | IP | 06 | 05 | 03 | TP | OE18 | 1SA | 1E18 |
| | 1TF | IP | . | 07 . | . | . | . | . | . | 07 |
| | OSA | IC | K | MP | 06 | 03 | OE18 | 1SA | 1E18 | 1TF |
| | IP | . | 08 . | . | . | . | . | . | . | . |
| | 1SA | D | IP | 05 | TP | OE18 | 1SA | 1E18 | 1TF | IP |
| | . | 08 . | . | . | . | . | . | . | . | . |

Tape stops **Marker number**

| | | | | | | | | | | |
|-----|--|-------|--------|--------|--------|---------|---------|---------|--------|---------|
| 318 | IP and test, one side. | | | | | | | | | |
| | 1SA | TX | IC | IP | NC | 06 | 05 | TP | IX | OE18 |
| | 1SA | 1E18 | OTF | IP | . | 01 IX | . | . | . | . |
| | 1SA | TX | AK | B1 | IP | MN | MP | NC | 04 | QX |
| | TP | OE18 | 1SA | 1E18 | OTF | IP | . | 01 IC- | . | 02 IX- |
| | 1SA | IC | IP | OE18 | 1SA | 1E18 | OTF | IP | . | 01 TXP- |
| | 1SA | B1 | IP | MN | 04 | IX | OE18 | 1SA | 1E18 | OTF |
| | IP | . | 02 NC- | . | 03 B1 | . | 05 KAK1 | KC- | K- | . |
| | 1SA | AK | D | IP | MN | MP | NC | 04 | QX | IX |
| | OE18 | 1SA | 1E18 | OTF | IP | . | 02 KD3 | . | . | . |
| | 1SA | IP | MN | NC | 04 | OE18 | 1SA | 1E18 | OTF | IP |
| | . | 03 NC | . | 02 IX- | . | 05 KAK1 | KC- | K- | . | . |
| | 1SA | AK | D | IP | MN | MP | 04 | QX | OE18 | 1SA |
| | 1E18 | OTF | IP | . | 03 KD3 | . | . | . | . | . |
| 319 | 1SA | TX | B1 | D | IP | MN | 06 | 05 | TP | OE18 |
| | 1SA | 1E18 | OTF | IP | . | 04 MNA | . | 01 IC- | . | 05 KAK1 |
| | KC- | K- | . | 06 05 | . | 07 03- | . | 08 06 | . | . |
| | 1SA | TX | AK | B1 | D | IP | MP | 04 | QX | TP |
| | OE18 | 1SA | 1E18 | OTF | IP | . | 04 OJ | . | 01 IC- | 06 |
| | MP | . | 08 MP | . | . | . | . | . | . | . |
| | 1SA | B1 | D | IP | NC | 06 | 05 | IX | OE18 | 1SA |
| | 1E18 | OTF | IP | . | 04 TP- | . | 02 KD3 | D | . | 05 KAK1 |
| | KC- | K- | . | . | . | . | . | . | . | . |
| | 1SA | TX | B1 | D | IP | MP | 06 | 05 | 03 | TP |
| | OE18 | 1SA | 1E18 | OTF | IP | . | 04 03 | . | 01 IC- | 05 |
| | KAK1 | KC- | K- | . | 07 MP | . | . | . | . | . |
| | 1SA | TX | IP | K | 06 | 05 | QX | TP | OE18 | 1SA |
| | 1E18 | OTF | IP | . | 05 QX | . | 01 IC- | . | 03 KD3 | K |
| | . | 04 OJ | KA | K | . | . | . | . | . | . |
| 320 | 1SA | AK | B1 | D | IP | MN | MP | NC | 04 | IX |
| | OE18 | 1SA | 1E18 | OTF | IP | . | 05 KAK1 | . | 02 KD3 | D |
| | 1SA | IC | IP | K | OE18 | 1SA | 1E18 | OTF | IP | 05 |
| | IC | . | . | . | . | . | . | . | . | . |
| | 1SA | AK | B1 | D | IC | IP | 03 | QX | TP | OE18 |
| | 1SA | 1E18 | OTF | IP | . | 08 KDIC | . | 01 TXP- | TX- | . |
| | 1SA | D | IP | NC | 03 | IX | OE18 | 1SA | 1E18 | OTF |
| | IP | . | 08 TP- | . | 02 KD3 | D | . | 05 KAK1 | KC- | K- |
| 321 | IP or test, zero side. Logic for zero side IP is on boards 316, 317. | | | | | | | | | |
| | OSA | IP | OE18 | OSA | 1E18 | OTF | IP | . | 01 | . |
| | 1SA | TX | IC | TP | IX | OE18 | OSA | 1E18 | OTF | IP |
| | . | 01 | . | . | . | . | . | . | . | . |

| | | | | | | | | | | | |
|-----|-------------------------|------|------|------|------|------|------|------|------|------|-----|
| | OSA | D | IC | IP | K | MN | TP | IX | OE18 | OSA | |
| | 1E18 | OTF | IP | . | 02 | . | . | . | . | . | |
| | 1SA | NC | 04 | OE18 | OSA | 1E18 | OTF | IP | . | 02 | . |
| | OSA | D | IC | IP | K | MN | NC | TP | OE18 | OSA | |
| | 1E18 | OTF | IP | . | 03 | . | . | . | . | . | |
| | 1SA | B3 | B2 | B1 | 04 | OE18 | OSA | 1E18 | OTF | IP | |
| | . | 03 | . | . | . | . | . | . | . | . | |
| | OSA | B3 | B2 | B1 | IC | IP | K | 04 | 03 | OE18 | |
| | OSA | 1E18 | OTF | IP | . | 04 | . | . | . | . | |
| | 1SA | D | MN | 06 | 05 | TP | OE18 | OSA | 1E18 | OTF | |
| | IP | . | 04 | . | . | . | . | . | . | . | |
| | OSA | AK | IC | IP | OE18 | OSA | 1E18 | OTF | IP | . | 05 |
| | 1SA | K | QX | OE18 | OSA | 1E18 | OTF | IP | . | 05 | . |
| 322 | OSA | IC | IP | K | 05 | 03 | OE18 | OSA | 1E18 | OTF | |
| | IP | . | 06 | . | . | . | . | . | . | . | |
| | 1SA | D | MP | 06 | TP | OE18 | OSA | 1E18 | OTF | IP | |
| | . | 06 | . | . | . | . | . | . | . | . | |
| | OSA | IC | IP | K | OE18 | OSA | 1E18 | OTF | IP | . | 07 |
| | 1SA | D | MP | 06 | 05 | 03 | TP | OE18 | OSA | 1E18 | |
| | OTF | IP | . | 07 | . | . | . | . | . | . | |
| | OSA | IC | IP | K | 06 | 03 | OE18 | OSA | 1E18 | OTF | |
| | IP | . | 08 | . | . | . | . | . | . | . | |
| | 1SA | D | MP | 05 | TP | OE18 | OSA | 1E18 | OTF | IP | |
| | . | 08 | . | . | . | . | . | . | . | . | |
| 323 | IP and test, zero side. | | | | | | | | | | |
| | 1SA | TX | IC | MN | NC | 06 | 05 | TP | OE18 | OSA | |
| | 1E18 | 1TF | IP | . | 01 | IX- | . | . | . | . | |
| | 1SA | TX | AK | NC | 04 | TP | IX | OE18 | OSA | 1E18 | |
| | 1TF | IP | . | 01 | IC- | 02 | IX | . | . | . | |
| | 1SA | B3 | B2 | B1 | IC | IX | OE18 | OSA | 1E18 | 1TF | |
| | IP | . | 01 | TXP- | . | . | . | . | . | . | |
| | 1SA | 04 | QX | OE18 | OSA | 1E18 | 1TF | IP | . | 02 | NC- |
| | . | 05 | KAK1 | KC- | K- | . | . | . | . | . | |
| | 1SA | AK | D | NC | 04 | OE18 | OSA | 1E18 | 1TF | IP | |
| | . | 02 | KD3 | . | . | . | . | . | . | . | |
| | 1SA | 04 | QX | OE18 | OSA | 1E18 | 1TF | IP | . | 03 | BLO |
| | . | 02 | NC- | 05 | KAK1 | KC- | . | . | . | . | |
| | 1SA | B3 | B2 | B1 | NC | 04 | QX | IX | OE18 | OSA | |
| | 1E18 | 1TF | IP | . | 03 | NC | . | 02 | IX | . | 05 |
| | K- | . | . | . | . | . | . | . | . | . | |

| | | | | | | | | | | | |
|-----|------------------------|------|------|------|------|------|------|-----|------|------|------|
| 327 | 1SA | TO | B3 | B2 | D4 | D3 | D | K | LC | OB4 | |
| | OB2 | 05 | QC | OE18 | 1SA | 1E18 | 1TF | LC | . | 05 | . |
| | OSA | TO | B3 | B2 | D2 | D1 | D | OB3 | 04 | QC | |
| | OE18 | 1SA | 1E18 | 1TF | LC | . | . | . | . | . | |
| | 1SA | AK | B6 | B5 | B1 | D4 | D3 | E | K | LC | |
| | OB4 | OB2 | 05 | OE18 | 1SA | 1E18 | 1TF | LC | . | 06 | OE18 |
| | OSA | TO | B3 | B2 | D | E | OFLO | PE | QC | . | |
| | 1SA | 1E18 | 1TF | LC | . | . | . | . | . | . | |
| | 1SA | AK | B6 | B5 | B1 | K | LC | 04 | OE18 | 1SA | |
| | 1E18 | 1TF | LC | . | . | . | . | . | . | . | |
| | OSA | TX | AK | B3 | D4 | D3 | OB4 | OB2 | 05 | 04 | |
| | OE18 | 1SA | 1E18 | 1TF | LC | . | . | . | . | . | |
| | 1SA | TO | B6 | B5 | B2 | B1 | D2 | D1 | D | E | |
| | K | LC | OB3 | 03 | 02 | QC | OE18 | 1SA | 1E18 | 1TF | |
| | LC | . | 08 | . | . | . | . | . | . | . | |
| 328 | OSA | TO | C7 | C5 | E | K | CN2 | 05 | 04 | 03 | |
| | 02 | E2 | OE18 | 1SA | 1E18 | 1TF | LC | . | 09 | . | |
| | 1SA | TX | CN4 | CN3 | LC | 06 | TP | E1 | E3 | E4 | |
| | OE18 | 1SA | 1E18 | 1TF | LC | . | . | . | . | . | |
| | | | | | | 09 | | | | | |
| 329 | LC and test, one side. | | | | | | | | | | |
| | 1SA | TO | AK | B6 | B5 | B1 | CR5 | D4 | D3 | IP | |
| | . | 01 | OMD | . | . | . | . | . | . | . | |
| | 1SA | TX | B3 | B2 | D | LC | OFLO | 06 | 04 | 03 | |
| | PE | TP | OE18 | 1SA | 1E18 | OTF | LC | . | 01 | TXB | 02 |
| | OF | 03A | 03 | . | 04 | KED2 | K- | . | 05 | KIO | 07 |
| | KA- | K- | . | . | . | . | . | . | . | . | |
| | 1SA | AK | B6 | B5 | B1 | CR5 | C7 | C5 | D4 | D3 | |
| | LC | CN2 | OB4 | OB2 | 06 | 05 | 03 | QC | E2 | OE18 | |
| | 1SA | 1E18 | OTF | LC | . | 02 | OF | 01 | OMD | 05 | |
| | 1SA | TO | B3 | B2 | D | IP | LC | 01 | OFLO | 06 | 04 |
| | PE | TP | OE18 | 1SA | 1E18 | OTF | LC | . | 02 | IPO | 01 |
| | OMD | 03- | . | 04 | KED2 | K- | . | 05 | KIO | K- | . |
| | 1SA | TO | AK | B6 | B5 | B1 | D4 | D3 | IP | LC | |
| | OB4 | OB2 | 06 | 05 | 03 | QC | OE18 | 1SA | 1E18 | OTF | |
| | LC | . | 03 | OY | . | 01 | OMD | 05 | . | . | |

| Tape stops | Marker number | | | | | | | | | | | | |
|------------|---------------|---|--|---|--|--|---|---|---|---|--|--|----------------|
| | 330 | 1SA 1E18 K- 1SA TP TXB 06- 1SA IP QC OMD 1SA OFLO 1SA PE OMD | B3 OTF . TX E1 . TO LC E2 05 TO 06 TLC TO QC K | B2 LC . B3 E3 KED2 . AK CN2 OE18 . AK 03 AK OE18 . | CR5 . . B2 E4 K- . B3 OB4 1SA . B6 PE OMD B1 1SA . | 03 . . 05 . . 01 | D CR5 . CN4 OE18 . B2 OB2 1E18 . B5 QC D 1E18 . | LC . . CN3 1SA KIO . CR5 OFLO OTF . B3 OE18 . K K OTF . . | 04 KED2 . D 1E18 K- . C7 06 LC . B2 1SA . LC LC . . . | PE K- . LC OTF . . C5 05 . . D 1E18 . OFLO . . . | 05 . . OFLO LC OXO . D4 03 KED2 . K OTF . 06 BL1 . | 1SA KIO . PE . OX . D3 PE . LC LC . 03 . . . | 03 01 01 |
| | 331 | 1SA QC K 1SA IP OE18 1SA LC . 1SA 05 1SA IP OE18 . | TO OE18 . TO LC 1SA TO OB4 TLC TO QC AK LC 1SA KA- | AK 1SA KIO AK CN2 1E18 B6 OB2 . B1 OE18 B6 CN2 1E18 K | B3 1E18 AK B3 OB4 OTF B5 05 . D4 1SA B5 OB4 OTF . | B2 OTF . B2 OB2 LC B3 QC . D3 1E18 B1 OB2 LC . | 05 . 05 . 06 . 06 . | D LC . CR5 06 . B2 OE18 . D OTF CR5 06 . . | K . . C7 05 KIO D4 1SA . K LC C7 05 KE0 . | 04 ERR- . C5 03 . D3 1E18 . LC . C5 04 . . | 06 . D4 QC D OTF OB4 BL1 D4 03 OMD . | 01 OMD . D3 E2 05 K LC . OB2 . D3 E2 05 . | |
| | 332 | 1SA OB4 . 1SA LC . 1SA 03 05 | AK OB2 QC TO OB4 TOB AK OE18 . | B6 05 . AK OB2 . B6 1SA . | B5 04 QC B6 05 TOB B5 1E18 . | B1 QC . B5 04 TO B1 OTF . | 07 . 07 . 07 . | D4 OE18 . B1 OE18 . IP LC . | D3 1SA . D4 1SA . LC . 06 KA- | E 1E18 . D3 1E18 . . 06 K- | K OTF . E OTF . 05 . . | 01 OMD . LC LC . K LC . 04 OMD . | |

| | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-----|
| | 1SA | AK | B6 | B5 | B1 | D4 | D3 | K | LC | OB4 | |
| | OB2 | 05 | OE18 | 1SA | 1E18 | OTF | LC | . | 07 | 04- | 06 |
| | KE0 | E- | . | . | . | . | . | . | . | . | . |
| | 1SA | TO | AK | B6 | B5 | B1 | K | LC | 06 | 04 | |
| | 03 | OE18 | 1SA | 1E18 | OTF | LC | . | 07 | TOB | 01 | OMD |
| | K | . | . | . | . | . | . | . | . | . | . |
| | 1SA | TO | AK | B6 | B5 | B1 | D2 | D1 | LC | OB4 | |
| | OB2 | 06 | 05 | 03 | 02 | QC | OE18 | 1SA | 1E18 | OTF | |
| | LC | . | 08 | OCT | . | 01 | OMD | . | . | . | |
| 333 | 1SA | TO | B6 | B5 | B2 | B1 | D2 | D1 | D | E | |
| | K | LC | OB3 | 04 | QC | OE18 | 1SA | 1E18 | OTF | LC | |
| | . | 08 | OL4 | . | . | . | . | . | . | . | |
| | 1SA | TO | B6 | B5 | B2 | B1 | D4 | D3 | D2 | D1 | |
| | D | E | K | LC | OB3 | 03 | 02 | QC | OE18 | 1SA | |
| | 1E18 | OTF | LC | . | 08 | D43 | . | . | . | . | |
| | 1SA | TO | B6 | B5 | B2 | B1 | D | E | K | LC | |
| | OB3 | 03 | 02 | QC | OE18 | 1SA | 1E18 | OTF | LC | . | 08 |
| | D21- | . | . | . | . | . | . | . | . | . | |
| | 1SA | TO | AK | B6 | B5 | B1 | CN4 | CN3 | CR5 | C7 | |
| | D4 | D3 | IP | LC | OB4 | OB2 | 06 | 05 | 03 | QC | |
| | E1 | E3 | E4 | OE18 | 1SA | 1E18 | OTF | LC | . | 09 | OXO |
| | . | 01 | OMD | 05 | . | . | . | . | . | . | |
| | 1SA | TX | B3 | B2 | CN4 | CN3 | C5 | D | LC | OFLO | |
| | 06 | PE | TP | E1 | E3 | E4 | OE18 | 1SA | 1E18 | OTF | |
| | LC | . | 09 | C5 | 02 | OF | OB4- | 04- | 04 | KED2 | K- |
| | . | 05 | K10 | . | . | . | . | . | . | . | |
| 334 | 1SA | TX | B3 | B2 | D | LC | CN2 | OFLO | 06 | PE | |
| | TP | E2 | OE18 | 1SA | 1E18 | OTF | LC | . | 09 | CNL1 | 02 |
| | OF | 04B- | 04- | . | 04 | KED2 | . | 05 | K10 | K- | |

Tape stops **Marker number**

335 LC or test, zero side. Logic for zero side LC is on boards 217, 218.

| | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|----|
| OSA | B5 | B2 | B1 | D | LC | LX | TP | IX | OE18 | |
| OSA | 1E18 | OTF | LC | . | 01 | . | . | . | . | . |
| 1SA | B3 | E | O6 | O5 | 04 | O3 | O2 | QC | OE18 | |
| OSA | 1E18 | OTF | LC | . | 01 | . | . | . | . | . |
| OSA | B3 | E | K | LC | O6 | O5 | O4 | O3 | O2 | |
| OE18 | OSA | 1E18 | OTF | LC | . | 02 | . | . | . | . |
| 1SA | B6 | B4 | B2 | B1 | D | TP | IX | OE18 | OSA | |
| 1E18 | OTF | LC | . | 02 | . | . | . | . | . | . |
| OSA | B6 | B5 | LC | O5 | OE18 | OSA | 1E18 | OTF | LC | |
| . | 03 | . | . | . | . | . | . | . | . | . |
| 1SA | K | LX | TP | OE18 | OSA | 1E18 | OTF | LC | . | 03 |
| OSA | LC | QC | OE18 | OSA | 1E18 | OTF | LC | . | 04 | . |
| 1SA | B6 | K | LX | TP | OE18 | OSA | 1E18 | OTF | LC | |
| . | 04 | . | . | . | . | . | . | . | . | . |
| OSA | B6 | B4 | LC | LX | OE18 | OSA | 1E18 | OTF | LC | |
| . | 05 | . | . | . | . | . | . | . | . | . |

336 1SA B5 K O5 TP OE18 OSA 1E18 OTF LC

 . 05

337 LC and test, zero side.

| | | | | | | | | | | |
|------|------|-----|------|-----|------|------|------|------|-----|-----|
| 1SA | B3 | E | K | O6 | O5 | O4 | O3 | O2 | QC | |
| TP | OE18 | OSA | 1E18 | 1TF | LC | . | 01 | TPA | . | 05 |
| B5- | . | . | . | . | . | . | . | . | . | . |
| 1SA | B6 | B4 | B2 | B1 | D | E | O6 | O5 | O4 | |
| O3 | O2 | QC | TP | IX | OE18 | OSA | 1E18 | 1TF | LC | |
| . | 02 | OY | 01 | TPA | TP | . | . | . | . | . |
| 1SA | B6 | B4 | B2 | B1 | D | LX | TP | OE18 | OSA | |
| 1E18 | 1TF | LC | . | 02 | IX- | . | 01 | TPA | TP | 04 |
| KB- | K- | . | . | . | . | . | . | . | . | . |
| 1SA | B5 | B3 | LX | TP | IX | OE18 | OSA | 1E18 | 1TF | |
| LC | . | 02 | QT1 | . | 01 | TPA | TP | KLC- | KB- | K- |
| . | 05 | KA- | K- | . | . | . | . | . | . | . |
| 1SA | K | TP | OE18 | OSA | 1E18 | 1TF | LC | . | 03 | LX- |
| . | 01 | TPA | TP | 05 | TL5 | B5- | . | . | . | . |
| 1SA | B4 | B2 | B1 | D | LX | TP | IX | OE18 | OSA | |
| 1E18 | 1TF | LC | . | 03 | KLC- | . | 01 | TPA | TP | 02 |
| B64- | B6- | . | . | . | . | . | . | . | . | . |

338 1SA K LX O5 TP OE18 OSA 1E18 1TF LC

 . 03 O5 . 01 TPA TP . B6- . 05 TLS B5-

 1SA B6 B4 B2 B1 D K LX QC TP

 IX OE18 OSA 1E18 1TF LC . B6 . 01 TPA

 TP . 02 OY K . 04 QC . . .

| | | | | | | | | | | | |
|-----|---|------|------|------|------|------|------|------|------|------|----|
| | 1SA | B6 | B4 | B2 | B1 | D | K | TP | IX | OE18 | |
| | OSA | 1E18 | 1TF | LC | . | 04 | LX- | . | 01 | TPA | TP |
| | OY | K | . | . | . | . | . | . | . | . | . |
| | 1SA | B6 | B3 | E | LX | 06 | 05 | 04 | 03 | 02 | |
| | TP | OE18 | OSA | 1E18 | 1TF | LC | . | 04 | KLC- | . | 01 |
| | TP | . | . | . | . | . | . | . | . | . | . |
| | 1SA | B5 | 05 | TP | OE18 | OSA | 1E18 | 1TF | LC | . | 05 |
| | KA- | . | 01 | TPA | TP | . | . | . | . | . | . |
| | 1SA | K | 05 | QC | TP | OE18 | OSA | 1E18 | 1TF | LC | . |
| | . | 05 | TLS | . | 01 | TPA | TP | . | . | . | . |
| 339 | 04 or test, one side. Logic for one side 04 is on board 335. | | | | | | | | | | |
| | OSA | IC | K | OB4 | TP | OE18 | 1SA | 1E18 | 1TF | 04 | |
| | . | 01 | . | . | . | . | . | . | . | . | . |
| | 1SA | D | 04 | OE18 | 1SA | 1E18 | 1TF | 04 | . | 01 | . |
| | OSA | D | E | OE18 | 1SA | 1E18 | 1TF | 04 | . | 02 | . |
| | 1SA | K | 04 | OE18 | 1SA | 1E18 | 1TF | 04 | . | 02 | . |
| 340 | 04 and test, one side. | | | | | | | | | | |
| | 1SA | D | OB4 | 04 | OE18 | 1SA | 1E18 | OTF | 04 | . | 01 |
| | OB4 | . | . | . | . | . | . | . | . | . | . |
| | 1SA | E | IC | K | 04 | TP | OE18 | 1SA | 1E18 | OTF | |
| | 04 | . | 01 | ICP | . | 02 | KED3 | ED3 | E | . | . |
| | 1SA | E | IC | OB4 | 04 | TP | OE18 | 1SA | 1E18 | OTF | |
| | 04 | . | 02 | KED3 | . | . | . | . | . | . | . |
| 341 | 04 or test, zero side. Logic for zero side 04 is on boards 334, 335, 338. | | | | | | | | | | |
| | OSA | IC | K | 04 | TP | OE18 | OSA | 1E18 | OTF | 04 | |
| | . | 01 | . | . | . | . | . | . | . | . | . |
| | 1SA | TX | AP | CR5 | CR4 | D | E | OB4 | 05 | OE18 | |
| | OSA | 1E18 | OTF | 04 | . | 01 | . | . | . | . | . |
| | OSA | D | E | K | 06 | 05 | 04 | TP | OE18 | OSA | |
| | 1E18 | OTF | 04 | . | 02 | . | . | . | . | . | . |
| | 1SA | NC | 03 | 02 | OE18 | OSA | 1E18 | OTF | 04 | . | 02 |
| | OSA | TX | AP | CR5 | CR4 | E | K | OB4 | 05 | 04 | |
| | 03 | 02 | OE18 | OSA | 1E18 | OTF | 04 | . | 03 | . | . |
| | 1SA | IC | 06 | B2 | TP | OE18 | OSA | 1E18 | OTF | 04 | |
| | . | 03 | . | . | . | . | . | . | . | . | . |

Tape stops Marker number

| | | | | | | | | | | |
|-----|-------------------------|------|-----|------|-----|------|------|------|------|------|
| 342 | 04 and test, zero side. | | | | | | | | | |
| | 1SA | TX | AP | CR5 | CR4 | D | E | 05 | OE18 | OSA |
| | 1E18 | 1TF | 04 | . | 01 | OB4- | . | . | . | . |
| | 1SA | TX | AP | CR5 | CR4 | E | IC | K | OB4 | 05 |
| | TP | OE18 | OSA | 1E18 | 1TF | 04 | . | 01 | ICP | . |
| | 1SA | TX | AP | CR5 | CR4 | E | K | NC | 05 | OE18 |
| | OSA | 1E18 | 1TF | 04 | . | 02 | ORB | . | . | . |
| | 1SA | D | IC | 03 | 02 | 02 | OE18 | OSA | 1E18 | 1TF |
| | 02 | EM | . | . | . | . | . | . | . | . |
| | 1SA | NC | 03 | 02 | TP | OE18 | OSA | 1E18 | 1TF | 04 |
| | . | 02 | TPA | . | . | . | . | . | . | . |
| | 1SA | B2 | E | IC | K | TP | OE18 | OSA | 1E18 | 1TF |
| | 04 | . | 03 | K06- | . | . | . | . | . | . |
| | 1SA | B2 | IC | 06 | 05 | TP | OE18 | OSA | 1E18 | 1TF |
| | 04 | . | 03 | 054 | . | . | . | . | . | . |
| | 1SA | B2 | IC | 06 | 03 | 02 | TP | OE18 | OSA | 1E18 |
| | 1TF | 04 | . | 03 | 032 | . | . | . | . | . |
| | 1SA | B2 | CR5 | IC | 06 | TP | OE18 | OSA | 1E18 | 1TF |
| | 04 | . | 03 | CR5 | . | . | . | . | . | . |
| | 1SA | B2 | CR4 | IC | 06 | TP | OE18 | OSA | 1E18 | 1TF |
| | 04 | . | 03 | CR4 | . | . | . | . | . | . |
| 343 | 1SA | AP | B2 | IC | 06 | TP | OE18 | OSA | 1E18 | 1TF |
| | 04 | . | 03 | AP | . | . | . | . | . | . |
| | 1SA | TX | IC | 06 | TP | OE18 | OSA | 1E18 | 1TF | 04 |
| | . | 03 | TXF | . | . | . | . | . | . | . |

CH 344 End of Tape C. Momentarily place the SDR TAPE ADVANCE switch in the ON position, advance the tape into the takeup canister and return it to the tape cartridge.

By Order of the Secretary of the Army:

Official:

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Major General, United States Army
The Adjutant General

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|----------|------------|------------|-----------|
| 3-1 | 3-3 | | |

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

Step C should say DELAY START switch in NORM position, instead of OFF position.

SAMPLE

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