TRAFFIC DATA CONVERTER CIRCUITS SD-3B213-01 AND SD-95968-01
CHANNEL DEFINITION AND VALIDATION
ENGINEERING AND ADMINISTRATIVE DATA ACQUISITION SYSTEM (EADAS)

CONTENTS PAGE

1. GENERAL

1.01 This section describes a method of checking the validity of the data being received at the EADAS central unit (CU) from Traffic Data Converters per SD-3B213-01 or SD-95968-01. It also provides a method of checking individual addresses or groups of addresses for number of counts within a selected timing interval.

1.02 This section is reissued to make the following changes:

(1) To make changes in SYSTEM PREPARATION

(2) To make changes in CHANNEL DEFINITION AND VERIFICATION

(3) To make changes in Tests B, C, D, and E under TEST METHODS

(4) To add Table D

(5) To update section for improved format.

This reissue affects the Equipment Test List.

1.03 These procedures must be scheduled with traffic in accordance with local instructions.

1.04 ***Before the tests in this section are performed, it is important that consideration be given to the data which is blocked while the TDC inputs are being tested. The data for the entire 15- or 30-minute data collection intervals, at the EADAS central unit for the unit under test, is considered lost because of the interruption of normal data.***

1.05 Local instructions should be followed for recording and reporting any false traffic register scoring caused by performing these procedures.

1.06 Refer to Section 252-115-301 for CU operating procedures.

1.07 Refer to Section 252-115-511 for method of performing remote tests of the EADAS TDC from the EADAS central unit.

1.08 Refer to Section 252-115-512 for method of performing local tests of the EADAS TDC.

1.09 Refer to Section 252-115-513 for method of locating troubles that are associated with the ETDC.

1.10 Refer to Section 252-115-514 or Section 252-115-515 for method of performing connection verification tests of the ETDC.

1.11 Refer to EADAS Input/Output Manual and EADAS Users Guide for detailed explanations of input and output messages.

1.12 The blanks in this section are representative of information that will have to be supplied by the user. This information is unique to each specific location and is contained in local records and documents.

1.13 The high speed line printer is optional equipment. When system is not equipped with a line printer, printouts are provided on the teletypewriter.

1.14 ***Lettered Steps:*** A letter a, b, c, etc, added to a step number in Parts 3 and 4 of this section indicates an action which may or may not be required depending on local instructions. The conditions under which a lettered step, or a series of lettered steps, should be made is given in the OPERATOR ACTION/INPUT MESSAGE column, and all steps governed by the same condition are designated by the same letter within a test. Where a condition does not apply, all steps designated by that letter should be omitted.

2. SYSTEM PREPARATION

2.01 ▶Verify that the generic program is loaded in CCU by requesting the time as follows:

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
1	Type: **TI:!**	TTY Prints: **PF** —:—:— Current time (hour, minute, and second) is printed out.
2	Verify that the lights on the fixed head disk are blinking.	

3. CHANNEL DEFINITION AND VERIFICATION

3.01 A channel associated with a TDC must be defined and verified before becoming active. Verification may also be performed on an active channel. To define and verify a channel, proceed as follows.

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
1	Type: **VE:CH:aa!** ***Note:*** **aa** represents the number to be tested.	
2a	If response is: **?D** Go to step 4.	Channel is not defined.
3b	If a channel verification should print, indicating that the channel is already defined— The first line of the verification will indicate the type of channel involved after the letters **DEV (OTDC, ETDC,** or **ICUR** if the ETDC is on the ICUR system). Go to Part 4 (TEST METHODS).	The channel has already been defined. The present definition should be adequate for the test.
4	Type: **EM:CH:!**	TTY Prints: **CHANNEL DEFINITION MODE CHAN NO=**

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
	Note: All information entered should be in accordance with EADAS Register Assignment Form (in questionnaire E8109). See Tables A and B for examples.	
5	Type: **aa!** ***Note 1:*** **aa** represents the channel number. This number is also used in Step 42i. ***Note 2:*** Enter official DCU ID (channel name written on magnetic tape to identify accumulated data).	TTY Prints: **DCU ID?**
6	Type: any eleven characters !	TTY Prints: **SCHED NO=**
7	Type: **xx!** ***Note:*** **xx** represents schedule number. **0** may be used if schedules are undefined.	TTY Prints: **TUR**
8	Type: **Y!** or **N!** ***Note:*** If a TUR frame is controlled by the ETDC or OTDC, then respond with **Y!**	TTY Prints: **CALC'S ON**
9	Type **N!** ***Note:*** This may cause MT error messages if mag tape is not mounted during testing. Ignore these messages for channel verification testing.	TTY Prints: **MAG TAPE ON?**
10	Type: **Y!**	TTY Prints: **CHAN TYPE?**
Channels Associated With ETDCs		
11	Type: **ETDC!** ***Note:*** **ETDC** is an EADAS Traffic Data Converter. (The ETDC may have been modified by ICUR).	TTY Prints: **SCALED REG =**
12	Type __-__! (See ***Note***). ***Note:*** The scaled register span (first and last) is entered. There may be more than one group of registers to be entered. This information is on the EADAS Register Assignment	

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
	form (in questionnaire E8109). See Tables A and B for examples.	
13c	If value in Step 12 is none— Type: !	TTY Prints: **USAGE REGS =**
14	Type: ___-___! (See ***Note)***	TTY Prints: **PEG REGS =**
	Note: Enter usage registers (first and last). There may be more than one group of registers to be entered. This information is on the EADAS Register Assignment (in questionnaire E8109). See Tables A and B for examples. Usage registers are those scanned by a special input usage card.	
15d	If value in Step 14 is none— Type !	TTY Prints: **PEG REGS =**
16	Type: ___-___!	TTY Prints: **DISCRETE INPUTS =**
	Note: Enter peg count registers (first and last). There may be more than one group to be entered. This information is on the EADAS Register Assignment form (in questionnaire E8109). See Tables A and B for examples. Peg count registers are the TUR output registers.	
17e	If value in Step 16 is none— Type: !	TTY Prints: **DISCRETE INPUTS =**
18	Type: ___-___!	TTY Prints: **PUT ON LINE**
	Note: Enter discrete input registers (first and last). There may be more than one group to be entered. This information is on the EADAS Register Assignment form (in questionnaire E8109). See Tables A and B for examples.	***Note:*** If the EADAS system is equipped with ICUR the response is: **ICUR.**
19f	If value in Step 18 is none— Type: !	TTY Prints: **PUT ON LINE**
20g	If ETDC is equipped with ICUR— Type: **Y!**	TTY Prints: **ICAN SCHED NO =**
21h	If ETDC is not equipped with ICUR— Type: !	TTY Prints: **PUT ON LINE?**
22h	Type: **Y!** (See ***Note***)	TTY Prints: **CHANNEL DEFINITION MODE CHAN NO =**

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
	Note: Observe that the Channel Active lamp is lighted.	
23h	Type: **EX!** ***Note:*** The system is now out of the channel definition mode.	TTY Prints: **OK**
24h	Type: **VH:CH:aa!** ***Note 1:*** This will check that channel has been defined properly. ***Note 2:*** **aa** represents channel number and will be the same number as in Step 5.	TTY Prints: **CH aa ON DCU TEST DEV ETDC** (or **ICUR** or **OTDC)** **SCHD xx TUR ON (or OFF** or **NONE) CALC ON MT ON** (Plus two or more lines of information or channel information) ***Note:*** **xx** represents schedule number.
25i	If ETDC is equipped with ICUR— Type: __! (See ***Note***) ***Note:*** Type any number **0** to **15.**	TTY Prints: **LB SCHED NO =**
26i	Type __! (See ***Note***) ***Note:*** Type any number **0** to **15.**	TTY Prints: **ARE 2 CHANNELS REQUIRED?**
27i	Type: __! (See ***Note***) ***Note:*** Type **Y** or **N.**	When **N** is typed— TTY Prints: **NEXT TUR NO =** When **Y** is typed— TTY Prints: **ADDITIONAL CH NO =**
28i	When response in 27i is **Y,** Type **n!** (See ***Note***). ***Note:*** **n** equals any number 0-99.	TTY Prints: **NEXT TUR NO =**
29i	Type: **n!** (See ***Note***) ***Note:*** **n** represents the TUR number 0, 1, 2, or 3.	TTY Prints: **REGISTERS =**
30i	Type: __-__! (See ***Note***) ***Note:*** If there are no registers, type **NONE!.**	TTY Prints: **LGC1 REG =**
31i	Type: **n!** (See ***Note***) ***Note:*** Any single register in the range defined in 30i or **NONE!.**	TTY Prints: **LGC2 REG =**

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
32i	Type: **n!** (See ***Note***) ***Note:*** Any single register in the range defined in 30i or **NONE!**.	TTY Prints: **LGC3 REG =**
33i	Type: **n!** (See ***Note***) ***Note:*** Any single register in the range defined in 30i or **NONE!**.	TTY Prints: **LGC4 REG =**
34i	Type: **n!** (See ***Note***) ***Note:*** Any single register in the range defined in 30i or **NONE!**	TTY Prints: **LGC5 REG =**
35i	Type: **n!** (See ***Note***) ***Note:*** Any single register in the range defined in Step 30i or **NONE!**.	TTY Prints: **LGC6 REG =**
36i	Type: **n!** (See ***Note***) ***Note:*** Any single register in the range defined in Step 30i or **NONE!**	TTY Prints: **LGC7 REG =**
37i	Type: **n!** (See ***Note***) ***Note:*** Any single register in the range defined in Step 30i or **NONE!**.	TTY Prints: **NEXT TUR NO =**
38i	Repeat Steps 29i through 37i for each TUR equipped.	If all four TURs were defined in Steps 29i through 37i— The response in Step 35i after the last TUR was defined will be: **PUT ON LINE?**
39j	If less than four TURs are defined— Type: **!**	TTY Prints: **PUT ON LINE?**
40i	If ETDC is equipped with ICUR— Type **Y!** (See ***Note***) ***Note:*** Observe that the channel active lamp is lighted.	TTY Prints: **CHANNEL DEFINITION MODE CHAN NO =**
41i	Type: **EX!**	TTY Prints: **OK**
42i	Type: **VH:CH:aa!** ***Note 1:*** This will check that channel has been defined properly.	TTY Prints: **CH aa ON DCU TEST DEV ETDC** (or **ICUR** or **OTDC**) **SCHD xx TUR ON** (or **OFF** or **NONE**)

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
	Note 2: **aa** represents the channel number and will be the same number as in Step 5.	**CALC ON TUR ON** (or **OFF** or **NONE**) **CALC ON MT ON** (Plus two more lines of information or channel information) ***Note:*** **xx** represents schedule number.
	Channels Associated with OTDC	
	Note: OTDC is a Traffic Data Recording System (TDRS) converter, (PEG COUNT ON TUR).	
43	Type: **OTDC!**	TTY Prints: **SCALED REGS =**
44j	If there are scaled registers— Type __-__! (See ***Note***)	
	Note: Enter scaled registers. These are listed in Central Office records.	
45k	If there are no scale registers— Type: !	TTY Prints: **PUT ON LINE?**
46	Type: **Y!**	TTY Prints: **CHANNEL DEFINITION MODE CHAN NO =**
47	Type: **EX:!**	TTY Prints: **OK**
	Note: The system is now out of the channel definition mode.	

4. TEST METHODS

A. Status Indicators On Channel Interface Drawer

STEP	ACTION	VERIFICATION
1	Carrier Fail (CF) lamp (red) ***off*** for Channel being verified.	
2	Channel active (CA) lamp (green) ***on*** for channel being verified.	
	Note: If these lamps are not as indicated, refer to Section 252-115-301 for CU operating procedures, Section 252-115-302 for CU trouble sectionalizing. Do not continue testing in this section until lamps are as indicated.	

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
B. Verification That Data is Being Received		
1	Type: **TS:Cl:aa,RO!** ***Note 1:*** **aa** represents channel number associated with TDC being validated. ***Note 2:*** Live inputs must be present at the collection device to see any data out.	Data received is printed on TTY.
2	To terminate received output on TTY— Type: **EX:!**	Test terminated.
C. ETDC Maintenance Test (Can Not be Performed for OTDC)		
Pass/Fail		
1	Type: **TS:TC:aa,P,H!** ***Note 1:*** **aa** represents channel associated with ETDC being verified. ***Note 2:*** **P** denotes PASS/FAIL printout on TTY only. ***Note 3:*** **H** denotes a home ETDC. **R** denotes a remote 1 ETDC **R2** denotes a remote 2 ETDC **R3** denotes a remote 3 ETDC	
1		TTY Prints: **PF** (or **RL** if close to system period). After completion of TDC testing, the results will be printed out at the TTY. For complete printout results, refer to Test A, Section 252-115-511.
2a	If all channels are to be tested, instead of entering the channel associated with the ETDC being verified— Type: **TS:TC:A,P,H!**	All channels will be tested in sequence, and will require approximately 5 hours.
Inhibit/Busy		
3	Type: **TS:TC:aa,I,H!** ***Note 1:*** Refer to Section 252-115-511 for putting Line Printer on line. ***Note 2:*** **H** will be replaced by **R1**, **R2**, or **R3** if remote ETDCs are to be tested.	After completion of ETDC testing, the results will be printed out on the line printer. For complete printout results, refer to Test B, Section 252-115-511.

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
D. Channel Register Dump and Printout Examination		
1	After two complete system period intervals of normal operation— Type: **DU:RG:aa,P!** ***Note 1:*** **aa** represents channel number associated with TDC being verified. ***Note 2:*** Refer to Section 252-115-511 for putting Line Printer on line.	TTY Prints: **IP** **COMPLETED** There will be a printout from the line printer. See Table C for typical example. The results which are printed out should be compared with EADAS register assignment forms (in questionnaire E-8109) to determine approximate number of counts and which registers should or should not score. Table A and B are typical examples of EADAS register assignment forms. See Table D for input card location.
E. TUR Tests		
	Note: This test is to be conducted only if TUR is controlled by the ETDC.	
1a	If the ETDC being tested is not equipped with ICUR— Type: **ON:TU:aa!** ***Note 1:*** **aa** represents channel number associated with ETDC being verified. ***Note 2:*** This action turns the TUR on. ***Note 3:*** Refer to Section 252-115-511 for putting Line Printer on line.	TTY Prints: **IP** **OK**
2a	After 6 minutes— Type: **DU:RG:aa,A!** ***Note:*** This action will verify that the TUR is turned on.	TTY Prints: **IP** **COMPLETED** There will be a printout from the line printer with some of the registers that are associated with the TUR scored. A look at the TUR cycle count register will show that the TUR is on.
3a	Type: **OF:TU:aa!** ***Note:*** This action turns the TUR off.	TTY Prints: **IP** **OK**
4a	Type: **ZE:RG:aa!** ***Note:*** This action zeros the active registers of the selected channel (**aa**).	TTY Prints: **OK**
5a	After 6 minutes— Type: **DU:RG:aa,A!**	TTY Prints: **IP**

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
		OK There will be a printout from the line printer with ***no*** registers associated with the TUR showing a scored. See EADAS register assignment form (in questionnaire E-8109) for identification of registers assigned.
6a	Type: **ON:TU:aa!** ***Note:*** Type **ALL** instead of channel number (**aa**) if all channels are to be tested.	TTY Prints: **IP** **OK**
7a	After a minimum of two system period intervals of normal operation— Type: **DU:RG:aa, P!**	TTY Prints: **IP** **COMPLETED** There will be a printout from the line printer. See Table C for typical example. The results which are printed out should be compared with office record assignments to determine number of counts and which registers should or should not score. Tables A and B are typical examples of EADAS register assignment forms (in questionnaire). Note specifically the following registers. a. Cycle count register b. Unassigned TUR input registers c. Dial tone speed machine registers if DTS machine is used. Compare with past office records.
8a	Type: **TS:TU:aa!** ***Note 1:*** See Users Guide for allowable times to request the test. ***Note 2:*** If all channels are to be tested, type **ALL** instead of channel number (**aa**).	TTY Prints: **WHICH TDC?**
9a	Type: **H!, R1!, R2!,** or **R3!** ***Note:*** **H** denotes a home ETDC **R** denotes a remote 1 ETDC **R2** denotes a remote 2 ETDC **R3** denotes a remote 3 ETDC	TTY Prints: **TUR DET TST-IP** **TEST COMPLETE**
10a	Type: **DU:RG:aa,A!**	TTY Prints: **IP** **COMPLETED** There will be a printout from the line printer.

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
		There should be at least one count on each assigned register that is associated with the TUR. Compare results with current office records. Use EADAS register assignment form (in questionnaire) to identify register assignments. See Tables A and B for examples.
	Note: Steps 11b through 16b should be performed in the same 30-minute EADAS system period (XX:00:00 through XX:29:59 or XX:30:00 through XX:59:59).	
11b	If the ETDC being tested is equipped with ICUR— Type: **DU:US:aa,n,schv!** ***Note 1:*** **aa** represents channel number associated with ETDC being verified. ***Note 2:*** **n** represents the TUR number (0-3) on this ETDC. ***Note 3:*** **schv** represents the grounded SCHV for the above TUR.	TTY Prints: **PSF = CLR TRANSITIONS = ttt** or **PSF = SET TRANSITIONS = tt** **USAGE = ccc** ***Note 1:*** **ccc** gives the current usage count for the SCHV requested which will be needed in Step 14b. ***Note 2:*** If there is an **RL** response, repeat the input message after a 1-minute delay. ***Note 3:*** Each TUR should have one grounded input (Switch-Contact-Horizontal-Vertical or SCHV).
12b	Type: **ON:TU:aa!** ***Note 1:*** **aa** represents channel number associated with ETDC being verified. ***Note 2:*** This action turns the TUR on.	TTY Prints: **IP** **OK**
13b	After 6 minutes— Type: **OF:TU:aa!** ***Note:*** This action turns the TUR off.	TTY Prints: **IP** **OK**
14b	For each TUR on the ETDC— Type: **DU:US:aa,n,schv!** ***Note:*** **schv** represents the grounded SCHV for TUR **n** on channel **aa**.	TTY Prints **CLR TRANSITIONS = ttt USAGE = ccc** or **SET TRANSITIONS = ttt USAGE = ccc** ***Note:*** The usage count (**ccc**) for each grounded SCHV should now be at least one count higher than it was in Step 11b.
15b	After 6 minutes— For each TUR on the ETDC— Type: **DU:US:aa,b,schv**	TTY Prints: **PSF = CLR TRANSITIONS = ttt** or **PSF = SET TRANSITIONS = ttt** **USAGE = ccc**

STEP	OPERATOR ACTION/INPUT MESSAGE	SYSTEM RESPONSE/OUTPUT MESSAGE
		Note: The usage count (ccc) for each grounded SCHV should be the same as that obtained in Step 14b.
16b	Type: **ON:TU:aa!** ***Note 1:*** This action turns the TUR back on. ***Note 2:*** Allow the TUR(s) to run for two or more full system periods. During this time, no detector failure (A IU 01) messages for this channel should print at the CCU TTY, and no scan abort (A IU 02) messages for this channel should print on the RO TTY (except possibly for one in the first 200 seconds of the first full system period). See the EADAS I/O manual, PA-3B000-01, Section 2, Part 4, for an explanation of these messages.	TTY Prints: **IP** **OK**
17b	Type: **DU:RG:aa,P!**	TTY Prints: **IP** **OK** There will be a printout on the line printer. Check the printout of the dial tone speed machine registers and compare the results with past office records.◀

TABLE A

CARD INPUT	"EADAS" REG & TS NBR	ASSIGNED TO	CONNECTING CIRCUIT	FIGURE	LEAD	BUSY HR COUNT**	INPUT ASSIGNMENT CHART
0	0000	(DO NOT ASSIGN)					
1	0001	(DO NOT ASSIGN)					INPUT CARD
2	0002	CYCLE COUNT TUR-0	TUR				NUMBER ___ 0 ___
3	0003	CYCLE COUNT TUR-1	TUR				
4	0004	FUTURE USE					TYPE CARD:
5	0005						NON-SCALED
6	0006						
7	0007						
8	0008						
9	0009						TRAFFIC
10	0010						DATA
11	0011						CONVERTER
12	0012						UNIT
13	0013						
14	0014						TDC _____
15	0015						RELAY RACK
16	0016						_____
17	0017						OFFICE BASE
18	0018						NBR _____
19	0019						
20	0020						**BUSY HOUR
21	0021						COUNT IS UN-
22	0022						SCALED
23	0023						
24	0024						BUSY HOUR
25	0025						COUNT:
26	0026						TOTAL
27	0027						_____
28	0028						TOTAL/10
29	0029						_____
30	0030						
31	0031	(X-CONN FOR HOME TDC INDICATION WITH REMOTE TDC)					

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TABLE B

CARD INPUT	"EADAS REG & TS NBR	ASSIGNED TO	CONNECTING CIRCUIT	FIGURE	LEAD	BUSY HR COUNT**	INPUT ASSIGNMENT CHART
0	0032	COMP MARKER M0	TUR				
1	0033	M1					INPUT CARD
2	0034	M2					NUMBER __ 1 __
3	0035	M3					
4	0036	MTCE					TYPE CARD:
5	0037	IR - FS - DP GRP 00	TUR				(NON-SCALED)
6	0038		MTCE				(SCALED)
7	0039	GRP 01	TUR				(USAGE)
8	0040		MTCE				(DISCRETE)
9	0041	GRP 02	TUR				
10	0042		MTCE				TRAFFIC
11	0043	MF - GRP 03	TUR				DATA
12	0044		MTCE				CONVERTER
13	0045	DP - GRP 04	TUR				UNIT
14	0046		MTCE				
15	0047	GRP 05	TUR				TDC _____
16	0048		MTCE				RELAY RACK
17	0049	MF - GRP 06	TUR				_____
18	0050		MTCE				OFFICE BASE
19	0051	FUTURE USE					NBR _____
20	0052						
21	0053						**BUSY HOUR
22	0054						COUNT IS UN-
23	0055						SCALED
24	0056						
25	0057						
26	0058						BUSY HOUR
27	0059						COUNT:
28	0060						TOTAL
29	0061						_____
30	0062						TOTAL/10
31	0063						_____

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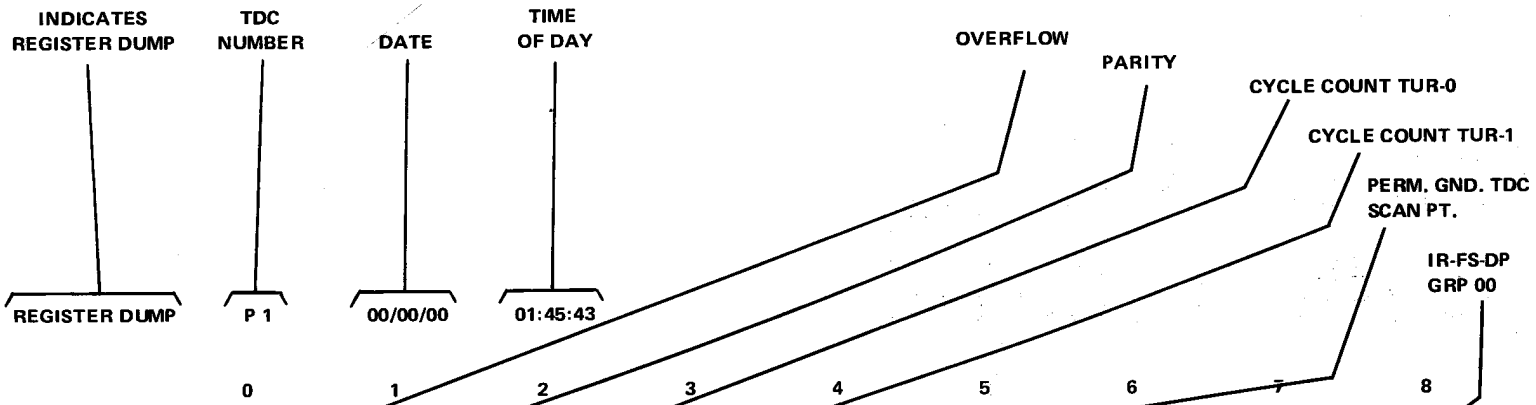
TABLE C



	0	1	2	3	4	5	6	7	8	9
00000:	00000	00000	00009	00009	00000	00000	00000	00000	00000	00000
00010:*	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00020:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00030:	00000	00009	00047	00040	00033	00035	00002	00386	00000	00386
00040:	00000	00386	00000	00172	00000	00154	00000	00040	00000	00033
00050:**	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00060:	00000	00000	00000	00000	00022	00017	00000	00022	00313	00009
00070:	00007	00000	00170	00418	00018	00146	00000	00252	00000	00030
00080:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00090:	00000	00000	00000	00000	00000	00000	00050	00086	00014	00010
00100:	00011	01151	00002	01131	00810	00650	00009	00000	00000	00000
00110:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00120:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00130:	00000	00000	00194	00000	00006	00000	00000	00000	00000	00000
00140:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00150:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00160:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00170:	00000	00127	00011	00000	00000	00000	00000	00000	00000	00000
00180:	00082	00240	00338	00006	00091	00073	00231	00026	00013	00112
00190:	00073	00096	00084	00067	00059	00042	00386	00017	00027	00105
00200:	00240	00035	00069	00046	00250	00000	00046	00001	00125	00017
00210:	00025	00000	00000	00000	00000	00000	00000	00000	00000	00000
00220:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00230:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00240:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00250:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
00260:	00000	00000	00000	00000	00000	00000	00000	00000	00000	00000
	00000	00000			00000	00000				00000

*Registers 0-31 correspond to inputs associated with card 0 which are shown in TABLE A.

**Registers 32-63 correspond to inputs associated with card 1 which are shown in TABLE B.

Note: All zeros on a normal EADAS Line Printer printout will be slashed.

TABLE D

TDC INPUT CARD NO.	ADDRESSES ON PRINTOUT	TDC INPUT CARD NO.	ADDRESSES ON PRINTOUT
0	00000 — 00031	16	00512 — 00543
1	00032 — 00063	17	00544 — 00575
2	00064 — 00095	18	00576 — 00607
3	00096 — 00127	19	00608 — 00639
4	00128 — 00159	20	00640 — 00671
5	00160 — 00191	21	00672 — 00703
6	00192 — 00223	22	00704 — 00735
7	00224 — 00255	23	00736 — 00767
8	00256 — 00287	24	00768 — 00799
9	00288 — 00319	25	00800 — 00831
10	00320 — 00351	26	00832 — 00863
11	00352 — 00383	27	00864 — 00895
12	00384 — 00415	28	00896 — 00927
13	00416 — 00447	29	00928 — 00959
14	00448 — 00479	30	00960 — 00991
15	00480 — 00511	31	ICUR [00996 = Unassigned 00997 = Unequipped 00998 = Carrier failure 00999 = Bad words