



**BUILDING AMERICA<sup>SM</sup>**

**FTX**  
**Field Training Exercise**  
**Manager's Supplement**

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I

## FIELD TRAINING EXERCISE (TESTING) CONCEPTS & POLICIES

Field Training Exercises are required for the following reasons:

- Educational value to employees on rules and safe practices and promote communication opportunities with employees.
- Ensure rule compliance and safe operating practices.
- Motivate employees to perform jobs according to rules and safe practices.
- Focus on problem areas: Personal injuries, derailments caused by human error and grade crossing safety.
- FRA requirements (*including requirement to train and test with "hands on" for Brake System requirements under CFR 49 part 232.203*).

Field Training Exercises (FTX) is a quality assurance activity in which management monitors employees knowledge, application and compliance with railroad rules, regulations and instructions. The Rules and Instructions focused upon are those that are SAFETY SENSITIVE and if not complied with could cause accidents, injuries, equipment or content damage.

***Managers do not have "quotas" for exceptions taken.***

Field Training Exercises are either routine observations (performed during the normal course of the managers work tour) or structured simulations, which involve the manager having a direct effect on the situation or rule to be tested.

The Union Pacific approach to operational testing (as required by the FRA and Union Pacific Policies) requires a practice described as 'debriefing' for promoting compliance with UP rules, policies, and instructions. Debriefing will be utilized for handling of substandard performance as well as proper rules compliance. Debriefing involves discussion between the testing manager(s) and the tested employee(s) and promotes education and understanding in lieu of invoking disciplinary action for a test failure unless repeated failures occur. The actual circumstances in which employees will be observed

will not be a departure from the original concepts of Field Training and Testing. FTX guidelines are found in section III of this document.

Managers are encouraged to observe as many of the applicable rules and practices involved during a testing event. **Situational Awareness**, that is observing the key elements of compliance while observing behavior rather than focusing on one rule, is one of the main principles in Union Pacific's FTX program.

**All FTX exceptions are rule violations but not all rule violations are FTX (operational testing) exceptions.**

Field Training Exercises (testing) is not intended to report rules violations in non safety sensitive areas such as: Duty --- Reporting or Absence (1.15), Subject to Call (1.16), Reporting and Complying with Instructions (1.13), Avoiding Delays (not following or complying with general instructions not associated with safety sensitive areas 1.29).

Field Training Exercises (testing) are not intended to report as exceptions any human factor type accidents if the manager was not in the testing process (observation or structured) and witness to the accidents at the time it happened. Managers **MUST** make every effort not to allow a violation if it is obvious that it will result in damage or accidents. Such common human factor accidents are: run thru switches, blind shoves resulting in damage to equipment or injury, sideswipes *etc.* Reporting of these activities while not testing is **NOT ACCEPTABLE**.

FTX reports will be made on a timely and accurate basis. Any error detected in reporting by managers must be corrected as soon as possible.

II

**SPECIAL INSTRUCTIONS AND REQUIRMENTS**

General superintendent or superintendent will determine through job agreement the number of efficiency tests to be conducted by each manager, with the understanding that ALL train and engine employees will have at least one Field Training Exercise every 90 days. Engineers will be tested with a stop test at least every 180 days. The Stop test must be a structured simulation. An FTX event with a signal displaying **Approach** and reported as test 5A will be counted along with tests 1,2,3 and 4 (regardless, if the train is not stopped) as fulfilling this requirement **only if a debriefing is conducted as soon as practicable. All Stop Tests must have a debriefing.**

**A. Structured Simulations**

Structured Simulations are tests that require the manager to make special arrangements to "set up" the test and which anticipate stopping the train or job and interviewing the crew as part of the test. The train or job will be stopped and debriefed regardless of whether the performance is at standard (Act 1) or below standard (Act 2 or 3).

Routine observations are not to be considered structured simulations. It is not necessary to stop and debrief for a routine observation unless substandard performance is noted. For "at standard" performance it is permissible to allow the train or job to continue and to communicate with the crew members at the earliest opportunity.

Examples of structured simulations are:

Tests: 01A, 02A, 03ABCDE, 04AB or 5A. In the case of signals, the manager, who has caused the signal to display a stop indication, approach indication (use of shunt), contacted the train dispatcher to hold or change the indication of the signal, or caused the light to be extinguished, *etc.*, will debrief (interview) the crew as a part of the test. The Structured Simulations will be designated in the input to the JB T screen. TSOSTL will count these tests and an option to select these tests will be added to the menu in the Measures reports for FTX (testing).

**B. Manager Requirements**

Consideration must be made to the overall population of train and engine employees assigned to each service unit for the purpose of determining the number of exercises. The overall distribution of structured and or routine observations made by each manager and service unit should be mindful of areas of focus. Those areas requiring observations for Safety rules for instance will have more routine tests versus an area requiring stop signal exercises which would have a greater number of structured simulations. Also, regular joint exercises must be accomplished in an organized and measurable manner with all foreign crews operating on Union Pacific trackage. Conversely, UP managers should jointly test with managers on foreign lines where UP crews are operating.

EXAMPLE for determining manager Requirements:

A crew district has 300 TEY employees. 100 of these employees should be tested every month. This location has 4 testing managers.  $100/4 = 25$  tests per manager as a **minimum** requirement to ensure each employee tested every 90 days.

**C. Required Assists and Review of Direct Reports**

General superintendent and superintendent must assist in 10 or more efficiency tests per month and ensure that all direct reports have been accompanied by the General Superintendent or Superintendent once per year. Directors road operation and Directors terminal operations must assist in 20 or more efficiency tests per month and ensure that all direct reports have been accompanied while testing every 6 months. Senior manager terminal operations and senior manager operating practices must conduct 10 efficiency tests per month and also must assist in 10 or more efficiency tests per month and ensure that all direct reports have been accompanied while testing with every 6 months.

1. Field Training Exercises should focus on all time frames, days of the week, and under all environmental conditions (such as Fog, Snow, Sleet *etc.*) Crews operating in environmental conditions which may limit visibility should have exercises designed to ensure proper response to signals.
2. Field Training Exercises will be measured and performed as follows:

Twelve time frames / Seven days per week

00:01 to 02:00	12:00 to 14:00
02:00 to 04:00	14:00 to 16:00
04:00 to 06:00	16:00 to 18:00
06:00 to 08:00	18:00 to 20:00
08:00 to 10:00	20:00 to 22:00
10:00 to 12:00	22:00 to 24:00

3. The testing structure is based on three primary factors:
  - a. A concentrated effort on problem areas (rules, activities, high risk areas such as grade or hazardous material switching areas or high volumes of traffic).
  - b. Locations throughout the Service Unit (across all subdivisions).
  - c. All Time frames (including a **concentration on 12 mid to 8 am**).

III

**FTX GUIDLINES**

**A. Notification of testing results**

Employees will be informed of their performance after all tests and observations, regardless of whether performance is within or outside of acceptable standards. For tests involving routine observations, crews will be informed of their performance by the most expedient method, when practicable. This may include direct follow-up discussion or subsequent contact/notification by the manager. For Structured Simulations (Set-up tests), crews will be debriefed at the scene.

**B. Performance below standard**

Employees will be debriefed "on - site" for rule infractions of discipline levels 1 or 2. In the event an employee that has a second failure of a testing event on rules associated with levels 1 – 2 within any 24-month period, the employee will be required to participate in a Formal Debriefing to discuss the employee's performance. In the event of a third such failure within a 24-month period, the employee will receive a second Formal Debriefing and will thereafter be ineligible for debriefing for a minimum period of 24 months from the date of the most recent event.

**Exception:** In the event a second testing event failure, within a 24 month period, involves the same operating or safety rule as a previous failure, the employee will participate in a Formal Debriefing and will be ineligible for debriefing for a minimum period of 24 months from the date of the most recent event.

For discipline levels 3 - 4, Cardinal Rules violations and all FRA engineer de-certification events, a Formal Debriefing will be held as soon after the event as practicable. In the event of a second such failure within a 24 month period, the employee will be subject to handling under the current discipline policy and not eligible for further debriefing for a minimum period of 24 months from the date of the most recent event.

Any combination of three failures within a 24-month period, regardless of level, will result in ineligibility from FTX for a period of 24 months following the date of the most recent failure. Handling of certain rules infractions (de-certification) as required by Federal Regulations will be handled according to the existing discipline policy.

If the employee becomes ineligible from participating in the FTX process due to test failure(s) any subsequent test failures during the period of ineligibility will be handled according to the existing disciplinary process. The employee may regain eligibility to the FTX process if he/she works failure free for 24 months following the date of the most recent failure.

**C. Debriefing**

The debriefing will take place after the test is completed at the location, or in close proximity to the location of the test. The intent of the field debriefing is to review the rule(s) tested, the intent and application of the rule(s), and the employee(s) performance relative to the testing event. All debriefings will utilize a debriefing checklist and affected employees will receive a copy of the checklist at the completion of the debriefing if not otherwise provided for.

**D. Formal Debriefing**

Discussion involving the employee and the employee's supervising manager. The employee's local labor representative will also be invited to attend. The formal debriefing will be conducted at a suitable location allowing for privacy and open discussion as soon as practicable after the day of the failure. The formal debriefing is not a fault-finding exercise. It is intended to be an open discussion and will focus on root causes and corrective action needed to avoid future failures. Any employee electing not to participate in a Formal Debriefing will be referred to the existing discipline policy and will not be eligible for FTX debriefings for a period of 24 months from the date of the event triggering the debriefing.

**E. Records Review**

Employees will be given opportunities to review their own FTX records. Opportunities to review FTX results will take place in "one on one" sessions and employee developmental reviews (EDR's) with managers. FTX results will also be available to the individual employees on the UP employee WEB site for review as Service Units are implemented in this process.

**F. Decision Table**

Rule infraction	1st Exception	2nd Exception	3rd Exception
Level 1-2 *	On -Site Briefing	Formal Debriefing	Formal Debriefing : Ineligible for FTX 24 months.
Level 3 - 4** or Cardinal Rule	Formal Debriefing.	If within 24 months follows Discipline process.	

\* If a second failure involves the same operating or safety rule as a previous failure within the past 24 months, the employee becomes ineligible for FTX for 24 months.

\*\* A level 3 - 4 or Cardinal Rule does not disqualify an employee from FTX unless another level 3 - 4 or Cardinal Rule occurs within 24 months or the employee's total failure count reaches three (3) within 24 months.

**Note:** A level 1-2 infraction preceded by an infraction at ANY level within 24 months will receive a Formal Debriefing.

## IV

### TERMINAL AND ROAD TESTING

#### A. Terminal Testing Program Components (Sr. MTO, Sr. MOP, MTO, MOP, MYO)

Observe testing guidelines (detailed in FTX manual) as follows:

1. Overall testing distributed in all 8 time-frames/7 days per week
- 2a. Engineers must be stop tested once every 180 days (Structured Required)
- 2b. Yard trainmen and engineers must be tested once every 90 days
3. Managers vary type of tests and location of tests
4. Tests required to be done:
  - 01C Red flag or red light in yard
  - 02A Compliance with Restricted Speed
  - 03A Signal Displaying Stop or Stop and Proceed  
ABS/ACS/ATC/ATS
  - 03B CTC/ACS/ATC/ATS
  - 03C Manual Interlocker
  - 03D Automatic Interlocker
  - 03E Stop and Proceed
  - 04A Light Out on Block Signal
  - 05A Approach Signal
  - 07A Train defect detector (if available)
  - 07B Detector Failure
  - 08A Speed
  - 08T Speed - Event Recorder
  - 09A Road crossings at grade
  - 09B Roadway worker warning
  - 10A Switching
  - 11A On Board Assessment
  - 12A Equipment Unattended
  - 13A Radio Rules
  - 14A Initial Terminal Brake test (Will be used to Qualify TEY on FRA refresher training and "hands on" for Air Brake tests)
  - 14B Intermediate air brake tests (if appropriate)
  - 14C Locomotive air brake tests
  - 14D Train Handling

- 14E Distributive Power
- 14T Event Recorder Train Handling Download
- 15A General Code of Operating Rules Book
- 15B Safety rules (emphasis on cardinal rules)
- 15D Air brake and train handling rules including RCL
- 15E Other (timetable, system special instructions, train make up, general orders, general notice, haz-mat)
- 16A Fuel Conservation

**B. Road Testing Program Components (Sr. MTO, Sr. MOP, MTO, MOP, STO)**

1. Overall testing in 8 time frames/7 days per week is based on time interval of trains operated
- 2a. Engineers must be stop tested once every 180 days (structured required)
- 2b. Trainmen and enginemen must be tested once every 90 days
- 2c. Safety Awareness training employees must be tested monthly for one year upon completion of safety awareness training
- 3a. Managers vary tests and cover the entire territory
- 3b. Test foreign line crews (including AMTRAK)
- 3c. Joint FTX with other railroads including AMTRAK
4. Tests required to be done:
  - 01C Red flag or red light in yard
  - 02A Compliance with Restricted Speed
  - 03A Signal Displaying Stop or Stop and Proceed  
ABS/ACS/ATC/ATS
  - 03B CTC/ACS/ATC/ATS
  - 03C Manual Interlocker
  - 03D Automatic Interlocker
  - 03E Stop and Proceed
  - 04A Light Out on Block Signal
  - 05A Approach Signal
  - 07A Train defect detector
  - 07B Detector Failure
  - 08A Speed
  - 08T Speed - Event Recorder
  - 09A Road crossings at grade
  - 09B Roadway worker warning
  - 10A Switching
  - 11A On Board Assessment
  - 12A Equipment Unattended

- 13A Radio Rules
- 13B Dispatcher Exercises
- 14A Initial Terminal Brake test (**Will be used to Qualify TEY on FRA refresher training and "hands on" for Air Brake tests** )
- 14B Intermediate air brake tests (if appropriate)
- 14C Locomotive air brake tests
- 14D Train Handling
- 14E Distributive Power
- 14T Train Handling Download
- 15A General Code of Operating Rules Book
- 15B Safety rules (emphasis on cardinal rules)
- 15D Air Brake and Train Handling rules including RCL
- 15E Other (timetable, system special instructions, train make up, general orders, general notice, haz-mat)
- 16A Fuel Conservation

V

**REFERENCE DOCUMENTS**

UP Efficiency Testing Pamphlet  
UP Manager's Supplement for Efficiency Tests  
TSO\_STLOUIS - Efficiency Testing Reports (2.3)  
TSO\_OMAHA - Grade Crossings (2.5)  
TSO\_OMAHA - Derailments (2.4)  
PINS/People Soft  
QSP 1009 - Derailment Analysis and Prevention  
QSP 1010 - Injury Prevention

**DEFINITIONS:**

**FTX TEAMS**

PLANNED FTX TEAM

1. Team must be two or more managers.
2. Superintendent with Managers determine team testing needs.
3. Planned structured tests (short time frame).

FOCUSED FTX TEAM

1. Observation testing on one train over longer period of time (minimum of 1/2 hour or more).
2. Team consists of two managers and each manager can claim 1 test on each train.
3. Superintendent with Managers determine team testing needs.

## VI

### REVIEW REQUIREMENTS

#### A. General Superintendent or Superintendent

1. Assemble and review service unit data pertaining to:
  - a. personal injury
  - b. derailments
  - c. discipline records
  - d. crossing accidents
  - e. historical efficiency testing data
  - f. physical plant high liability areas (interlockers, steep grades)
2. Determine linkages associated with data review
3. Cross-functional review of data with Engineering, Signal, Mechanical, HDC, to be accomplished monthly at SHEOP meetings, as necessary, to correct problems
4. Distribute information (i.e. staff meetings, conference calls and mailings)

#### B. GenSupt/Supt/DRO/DTO/SMTO/MTO/MYO/SMOP/MOP

1. Staff Collectively establish FTX plan
2. Review with each manager and set requirements in job agreement

#### C. Managers

1. Conduct Field Training Exercises under established guidelines using:
  - a. UP FTX Field Training Exercise Pamphlet
  - b. FTX Field Training Exercise - Manager's Supplement
  - c. Rule Books, General Orders, General Notices, Timetable, Special Instructions, Hazardous Materials Instructions
  - d. UP "Handbook for FTX"
2. Recognize employee rules compliance through a debriefing and or notification (Act 1)  
Debriefing for non standard performance (Act 2)  
UPGRADE level (Act 3) for those not eligible for FTX debriefing.
3. On Act 2 failures, review employee record to determine previous behavior failures.

4. Record results via TCS reporting process outlined in Manager's Supplement:
  - a. Act 2 and Act 3's recorded within 2 days
  - b. Act 1's recorded within 7 days
  - c. Service Unit managers will be credited with one event for each crew or individual tested at any one time, although such event may include several test numbers or rules
5. Regularly review FTX (testing) records

**D. General Superintendent or Superintendent**

Regularly review of FTX records:

- weekly
- monthly
- quarterly

The General Superintendent or Superintendent will check testing results against performance of the Service unit in areas of personal injury prevention, derailment prevention and grade crossing safety and make appropriate adjustments to the FTX program to support the improvement plan of the Service Unit.

## VII

### COUNTING OF TESTS IN SYSTEM:

**How a JB T counts these various tests:** When a JB T is used to enter FTX or Fuel Tests it gives a summary count of everything entered on the JB T under each TIME and DATE of one. Safety tests (15B) and/or Cardinal tests give a manager credit for each safety rule entered. (If a manager entered 3 safety tests (15B) and 2 of them were cardinal tests he/she would receive credit for 3 safety tests and 2 cardinal tests.)

EXAMPLE: Manager enters under one date and time a JB T with a speed test (8A) and ID check (11A). He/she also checked the engineer and conductor for hearing and eye protection and proper footwear (15B's), and he/she additionally checked the conductor only for crossing tracks in front of Eng. (15B). The manager would receive credit for the test of 1, he/she would receive credit of 4 safety observations and 3 cardinal rules. These would all be recorded on report 17B and 21B.

**NOTE:** If manager enters more than one rule in the rule space of the JB T then he/she will receive no credit for the cardinal and only credit of 1 for the 15b entry. **ALSO**, 15B should not be used for any rule that does not come out of the Safety Rules.

When the JB T is used for Safety Contacts or Quality Checks, it counts each NAME. This gives the manager credit for safety meetings or safety blitzes, (if 5 names are entered on one JB T entry, the manager will get a credit of 5.)

## VIII

## INPUT INSTRUCTIONS AND REQUIREMENTS

**A. Input Instructions:**

Rules must be input exactly as indicated in the GCOR. Do not place two rules on the same test on the same line.

When indicating a System Special Instruction rule, Haz Mat. *etc.*, use the following conventions:

ITEM7, ITEM17, PB-20849, HMV-1D3 *etc.*

- When entering tests conducted from wayside detector use following test number and rules:

When testing for:	Test	Special Instructions
Hot box with test panel	07A	Item13.1, Item13.2, Item13.3
Dragging equipment	07A	Item13.2, Item13.3, Item13.4, Item13.5
High/wide detector	07A	Item13.4
Detector failure	07B	Item13.6

Do not space or abbreviate differently as indicated.

Foreign Roads should use the actual abbreviations such as: AMTRAK, BNSF.

**Red Light**

- When using Red Light in place of Red Flag, Red Light must not flash.
- Use “**Star Lantern**” red light prescribed in the Material Item Number for Equipment **270-4595-0**.
- When testing, ensure red light is placed in accordance with rule 5.4.7 and 5.4.8. If placed to the right of the track, red light should be placed no further than the end of the tie and on the tie for stability. If placed between rails of track it should be placed on tie for stability.
- When testing with red light, never place it where it may conflict with other red lights or block signal aspects such as red or yellow or lunar dwarf signals or near road crossings with lights or gates and lights. **Use common sense; place the red light in a dark location so the red light will not be confused as something other than a stop sign.**

- When conducting tests with stationary fusee these tests must be at NIGHT only.
- Red flag must be of standard size and double staffed or red reflectorized M/W sign.
- Track shunts must not be used inside approaches to highway crossing signals, or moveable bridges unless you walk them completely through the approach section. Failure to walk shunt through approach section will shorten the distance of the approach circuit.

#### **B. Event Recorder**

Event Recorder evaluations (random sampling) may be used as an FTX event. Record these evaluations as tests **8T** for a Speed evaluation and **14T** for Air Brake or Train Handling rules. Superintendents shall determine the number of event recorder evaluations that may be claimed as FTX events. An exception to speed taken from the reading of a event recorder, if handled by a debriefing or if discipline will be issued, can be claimed as a number **8T** Test Act 2 or Act 3. When an Act 3 is claimed from reading of the tape, Rule 6.31 should be used and comments reflect the fact that the test "hearing" was from the reading of an event recorder. **This applies to the normal-random reading of speed tapes only and does not include the reading of a speed tape because of a derailment, crossing accident, etc.**

Also, if the random reading of the event recorder results in finding an emergency of the train air brakes, and you can prove that the train was not inspected due to the short amount of time that train was stopped, this also may be recorded as an Act 3 or Act 2 and should be shown as Test: 15A Rule: 6.23. Comments must show that failure was due to random reading of event recorder in all cases. Additionally, if the tape reflects train handling or air brake rule failures, exceptions may be recorded.

- Hazardous materials tests must be claimed as 15E tests and enter rules as follows in examples:
  - Switching Chart: Rule: HMV-1A, B or C
  - Placement Chart: Rule: HMVI-1D3 Etc.
  - Train built by switch crew has hazmat sleeper discovered by manager: Rule: HMII2B

### **C. Foreign Crews**

The following are guidelines when conducting efficiency tests on foreign crews:

A blank JB T\*TEST PICK must be used and occupation codes entered.

Example: 001, 003 etc.

1. When testing foreign crews enter crew names and all 9's for SSN and under FGN RD: specify railroad crew works for (example: SSN 999999999. FGN RD: AMTRAK 25)
2. Foreign crews operating on our railroad: All tests which are Act-1, Act-2 or Act-3 are acceptable. Superintendent must keep a copy of discipline from Act-3 on record for two (2) years.
3. Foreign crews operating on their own railroad: If joint testing with their managers then Act-3 (hearings) can be claimed. No Act-1 or Act-2 can be claimed on foreign crews operating on their own railroad.

If alone or with other UP Managers on their railroad then tests can only be conducted on UP crews. Any violations observed on their crews must be reported to their management but cannot be claimed as efficiency tests.

### **D. Engineering Guidelines (FRA Compliance)**

Engineering Managers and Employees will be tested on the applicable operating rules. Engineering Managers will use the existing "Safety Audit " guidelines. Transportation managers will also conduct Field Training Exercises on engineering personnel as appropriate. Special attention should be made to capture and record these "tests" with the appropriate job code. Engineering managers will "test" and capture data in the engineering data base as specified in the Safety Audit manual. Engineering employees will be notified of the results of the "test" just as all other personnel

**except** that **exceptions** will be handled by the appropriate engineering manager in compliance with current engineering policy.

These records may be requested by FRA, as part of the CFR part 217 compliance process. The Safety Audit instructions will be made available to FRA upon request.

The following areas will be tested for rules compliance by Union Pacific managers.

1. Controlled Track:
  - Track and Time
  - Track Warrant
  - Work and time
  - Track Permit
  - Foul Time
  - Form B
  - Track out of Service Bulletin
  - Flag Protection
  - Lookout
  - Lineup
  
2. Non-Controlled Track
  - Inaccessible Track (protection)
  - Job Briefings
  - Proper Placement of Flags
  - Radio Procedures
  - Clearing for Trains properly
  - Other Areas to Audit
  - PPE
  - Equipment
  - Vehicles
  - Tools
  - Work Procedures
  - Other including - Rule book available - Timetable - General Orders

## IX

### ENTERING FTX ON CRT AND INSTRUCTIONS APPLICABLE TO FRA INSPECTIONS

Test data entered into the computer will be compiled at the end of each month and will be retained in the Superintendent's Office for one calendar year after the end of the calendar year to which they relate. Reports identified as FRA (#12 & #13) must be kept for 3 calendar years after the end of the calendar year to which they relate and made available to representatives of the Federal Railroad Administration for inspection and copying during regular business hours.

Using the computer "test" screen format, insert the test numbers and other information. Unless each field is filled out, the computer will not accept the test. **Once you have entered the event, you can type over the tests and rules to add additional tests and rules to that event.**

#### A. Entering FTX Tests on a CRT Device

You must be in TCS to enter information.

For UP train and engine crews, enter the following:

JB T (Circ.7) (Train ID); TEST PICK (CMS Train ID only)

The location, as defined by the Circ7 number, must be where the crew was called to go on duty.

Example: For Cheyenne (WX510) MNPHK (CMS Train ID), enter:

JB T WX510 MNPHK; TEST PICK

or

JB T WX510 MNPHK 08/18 TEST PICK

An index of all the occurrences of the job during the last 45 days will be returned, if a job or train ID without the date is entered. Select the correct date the job was called and enter "T" at the correct date. If you already know the date the train was called, you may substitute the date (MM/DD) instead of the ';' as shown above to save one step.

All train information, crew names, and social security numbers will be shown. If you logon to the system with your user ID, your name and SSN will appear on JB T screen.

For all other crafts and foreign line crews, enter the following:  
JB T \* TEST PICK

A blank form, as shown on Page 18, will be displayed on the CRT, but will have no occupation codes, occupations, names, or social security numbers.

Required Entries:

1. Tester social security number (Example: 123456789)
2. Test Name (Example: SR Searle)
3. Assisting Managers Name and SSN (If applicable);
4. Safety contact or quality (X for safety contact or quality)
5. Fuel (X for test 16A - Fuel check only)
6. Date the test was actually made (Example: 08 31 03)
7. Time the test was made using Continental Time (Example: 2359)
8. Subdivision (Example: 0999) on which the test was made. These numbers are in Appendix 2 and timetable.
9. Milepost at which the test was made.
10. Service Unit code (Example: TS)
11. Visibility ("X" appropriate box)
12. Weather condition ("X" appropriate box)
13. Y/N - Remote Control - RCL - DPU - Structured - Joint
14. An "X" if General Test Safety/Quality, applies to all individuals and/or an "X" beside the individuals listed.
15. An occupation code (See Appendix 3) (For other than UP train and engine crews only).
16. Employee's name (Example: DJ DUFFY) (For other than UP train and engine crews only).
17. Social security numbers of individuals being tested (Example: 987654321).
18. At least one test number and action. The test number must be a three-character entry (Example: 01A). The Manager can make up to four tests on the top portion of the screen. Use the following codes for the action: 1 = Passed, 2 = Handled With Employees, DEBRIEFING and 3 = UPGRADE level. Rule space must show the number of the rule violated and only 1 Rule Per Rule Space.

19. Comments must be entered in all cases involving Act 2 or Act 3 or Safety/Quality contact.
20. Press ENTER to input the test into the CMS/TCS/FOCUS systems.
21. If system requests you to verify (VER) in cases of Act 2 or Act 3, comply with Section VI (Requirements for Action Codes 2 or 3) then "X" VER and enter.

If a printer lata is specified, a copy of the entered information will be printed to the printer specified. Three additional lats may also be specified.

Information concerning tests performed will be updated each night by "bleeding" the CMS information into the FOCUS data. FOCUS will be up-to-date as to all tests recorded in the TCS/CMS system. After 45 days, all test information will be purged from the CMS/TCS files, but will be kept indefinitely in FOCUS. (Act 2 or Act 3 entries stay in TCS for 12 months)

Tests should be entered as soon as possible but no longer than the 4th of each month. Tests will not be accepted after 4 months or after January 31 of the following year.

**B. Additional Information for UP Train and Engine Crew Entries**

By "Xing" a specific crew member at the far left of the screen, the tester will be indicating that the specified data applies only to that particular crew member.

If specific crew members are tested for a different test other than those listed in the header, the test, rule, and action may be specified to the right of the individual's name. If more than 1 Test or Rule is required in this manner Press Enter and when "Test Results are accepted" type over Test or Rule and re-enter. Do NOT change DATE or TIME.

Additional lines are on the screen to add additional people that might have been tested with the crew: i.e., a dispatcher or a foreman in charge of work. The "Index" at the bottom right of the screen is to be "Xed" in the event the tester does not have the proper crew displayed; and will return the tester to the job index.

The LOC/JOB/DATE fields can be used to "chain" to another job that was tested by the same Manager. In addition to the crew information, the screen would also have the tester name and social security number filled in from the previous screen, eliminating the need to re-enter that information.

There is an indicator on the Index Screen, which indicates that a test has been reported on the crew. In the event the same crew is tested more than once, when the second/third/etc. tester prepares to make the input, the screen will appear with the last test input. The following Manager can type over the information displayed and make his entries as desired. Delete all old information. The first test is already in the system. At the time the new test is entered, it is in the system also. Looking at the index of crews tested, only the last test input will be displayed.

## X

## MATERIAL ITEM NUMBER FOR EQUIPMENT

270-4595-0	Star Lantern	(1)
270-3300	Fusee Stand	(1)
270-1456	Flag	(1)
270-2692	Handles-Flag	(2)
270-2693	Flag Holder	(1)
520-7569	Shunt (request black)	(2)
410-9006	Tool Bag - Lineman (optional)	(1)
417-5991	Signal Wrench	(1)
LOCAL MSM	Signal Key	(1)
"SW USE RR SSS"-Efficiency Test SW.	Key	(1)
K-15 Radar Gun		(1)
Battery Pack w/Charger		(1)
Carrying Case for Radar Gun		(1)
Tuning Fork		(1)
<u>Optional Radar Gun:</u>		
Railmaster By Decatur Electronics		(1)
Includes:	Battery Pack w/Charger	
	Carrying Case	
	Tuning Fork	

APPENDIX 1

Form 24260

FTX
Field Debriefing Form

Date/time:
SU:
Subdiv:
MP:
Testing Manager:
Assisting Manager:
Review the Test/Results
Routine observation Y/N
Structured Simulation Y/N
Visibility:
Weather:
Train/Job ID:
Joint Test: Foreign RD:
RCL Y/N

- Performance to Standard (Act 1)
Performance below standard (Act 2/3)

Employee: Occupation: SSN:
Test: Rule: Act: Test: Rule: Act: Test: Rule: Act:

Employee: Occupation: SSN:
Test: Rule: Act: Test: Rule: Act: Test: Rule: Act:

Employee: Occupation: SSN:
Test: Rule: Act: Test: Rule: Act: Test: Rule: Act:

Discussion of test observations

Employee comments regarding test

Discussion of corrective action, if necessary

Explanation of FTX guidelines and status review:
Signatures: Employees and managers:

APPENDIX 2  
OCCUPATION CODES

001	Engineers	011	Clerks
002	Firemen	012	Control Operators
003	Conductors	013	Maintenance of Way
004	Head Brakemen - BR1	014	Bridge and Building
005	Rear Brakemen - BR2	015	Signal & Communication
006	Engine Forman	016	Mechanical - Car
007	Yard Helpers	017	Mechanical - Locomotive
008	Hostlers	018	Yardmasters
009	Hostler Helper	078-079	Remote Control Operator
010	Dispatchers	020	Manager

MAINTENANCE OPERATIONS

021	Supervisor/Foreman	025	Electrician
022	Foreman General	026	Machinist
023	Boilermaker	027	Sheet Metal Worker
024	Carman	028	Laborer/Fireman Oiler

SERVICE UNIT CODES

CHIGACO	PR	NORTH PLATTE	NP
COUNCIL BLUFFS	CB	PORTLAND	PD
COMMUTER	CM	ROSEVILLE	RS
DENVER	DV	SAN ANTONIO	SA
FT. WORTH	FW	ST. LOUIS	SL
HOUSTON	HO	TUCSON	TS
KANSAS CITY	KC	TWIN CITIES	TC
LITTLE ROCK	LK	UTAH	UT
LIVONIA	LV	WICHITA	WH
LOS ANGELES	LA		

DISPATCHERS

Alpha Code

HDC NORTH	DN
HDC SOUTH	DS
HDC WEST	DW
HDC CENTRAL	DC
SPRING	SD
SAN BERNARDINO	SB
NOC FT.WORTH	DF

All others use Service Unit code.

APPENDIX 3  
SUBDIVISION CODES

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0822	Aberdeen	
0174	Adams	
0985	Alameda	
0702	Alamosa	
0180	Albert Lea	
0181	Albert Lea	Owatonna
0182	Albert Lea	Faribault
0183	Albert Lea	Cannon Falls
0184	Albert Lea	Roseport
0188	Albert Lea	Golden Valley
0189	Albert Lea	Superior
0191	Albert Lea	Rock Island
0192	Albert Lea	State St.
0460	Alexandria	
0967	Alhambra	City of Industry
0975	Alhambra	
0976	Alhambra	Chino
0984	Alhambra	Declzeville
0986	Alhambra	Bassett
0045	Alton& Southern	Gateway
0169	Altoona	
0170	Altoona	Stillwater
0171	Altoona	Menomonie
0459	Anchorage	
0550	Angleton	
0551	Angleton	Seadrift
0552	Angleton	Victoria
0553	Angleton	Freeport
0554	Angleton	Oyster Creek
0555	Angleton	Celanese
0556	Angleton	Monsanto-Chocolate Bayou
0557	Angleton	Phillips Refinery
0118	Ankeny	John Deere
0126	Ankeny	Firestone Park
0127	Ankeny	
0128	Ankeny	Highland Park
0703	Antonito	

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CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0528	Austin	
0529	Austin	Georgetown
0530	Austin	Bergstrom
0531	Austin	Longhorn
0472	Avondale	
0473	Avondale	Old Algiers
0457	Avoyelles	
0458	Avoyelles	Baton Rouge
0870	Ayer	
0872	Ayer	Mikami
0873	Ayer	Yakima
0874	Ayer	Richland
0875	Ayer	Sunnyside
0882	Ayer	Spokane
0511	Baird	
0560	Baytown	
0561	Baytown	Arco
0562	Baytown	Jacinto Port
0564	Baytown	Exxon Dock
0538	Beaumont	
0539	Beaumont	Orange
0540	Beaumont Dupont	
0541	Beaumont	Firestone
0634	Bellaire	
0015	Belvidere	
0016	Belvidere	West Chicago
0017	Belvidere	Ingalton
0018	Belvidere	KD
0835	Bend	
0920	Black Butte	
0203	Blair	
0204	Blair	Cargill
0205	Blair	Cowboy
0762	BMI	
0815	Boise	
0106	Boone	
0107	Boone	Scenic
0445	Brinkley	
0446	Brinkley	Tenark
0146	Bristow	
0147	Bristow	Sheffield

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0843	Brooklyn	Siskiyou
0844	Brooklyn	Hills
0845	Brooklyn	
0846	Brooklyn	Coos Bay
0847	Brooklyn	Marcola
0848	Brooklyn	Toledo
0849	Brooklyn	American Can
0542	Brownsville	
0543	Brownsville	Mexico
0544	Brownsville	Palo Alto
0545	Brownsville	Mission
0617	Bryan	
0755	Cache Valley	
0945	Calexico	
0946	Calexico	Holtville
0765	Caliente	
0766	Caliente	Las Vegas Park
0767	Caliente	Nellis AFB
0768	Caliente	Pioche
0737	Cane Creek	
0908	Canyon	
0909	Canyon	Bieber
0680	Carrizozo	
0681	Carrizozo	Ft. Bliss
0841	Cascade	
0237	Casper	
0770	Cedar City	
0350	Cherokee	
0351	Cherokee	Osage
0352	Cherokee	Pryor
0353	Cherokee	GRDA
0354	Cherokee	Muskogee
0060	Chester	
0175	Chippewa Falls	
0355	Choctaw	
0358	Choctaw	Denison
0760	Cima	
0761	Cima	Blue Diamond

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0690	Clifton	
0100	Clinton	
0101	Clinton	Cedar Rapids
0102	Clinton	Cedar Rapids North Yard
0103	Clinton	Marshalltown
0104	Clinton	Powerville
0105	Clinton	Eldora
0117	Clinton	Waterloo
0178	Clyman	
0179	Clyman	Jefferson Jct.
0950	Coast	
0951	Coast	Seaside
0952	Coast	Spreckels
0956	Coast	Vasona
0961	Coast	Luther
0962	Coast	Albrae
0335	Coffeyville	
0336	Coffeyville	Osawatomie
0337	Coffeyville	New Strawn
0338	Coffeyville	Durand
0339	Coffeyville	Piqua
0340	Coffeyville	Fredonia
0638	Coletto Creek	
0700	Colorado Springs	
0701	Colorado Springs	Manitou
0704	Colorado Springs	Ft. Logan
0708	Colorado Springs	Russina
0709	Colorado Springs	Ft. Carson
0728	Colorado Springs	Templeton Gap
0206	Columbus	
0207	Columbus	Fremont Canning
0208	Columbus	Norfolk
0592	Commerce	
0771	Comstock	
0834	Condon	
0534	Corpus Christi	
0535	Corpus Christi	CCTA
0590	Corsicana	
0591	Corsicana	Athens
0614	Corsicana	Lufkin Jct.

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0722	Craig	
0723	Craig	Energy
0724	Craig	Ute
0725	Craig	Empire
0726	Craig	Craig
0500	Dallas	
0505	Dallas	Trinity
0506	Dallas	Eagle Ford
0507	Dallas	Everman
0508	Dallas	Great SW RR North
0509	Dallas	Great SW RR South
0593	Dallas	Belt Line
0610	Dayton	
0611	Dayton	Cedar Bayou
0640	Del Rio	
0642	Del Rio	Cline Mine
0643	Del Rio	Dabney
0080	Desoto	
0081	Desoto	Broadway
0082	Desoto	Lesperance
0083	Desoto	Bonne Terre
0084	Desoto	Monsanto-Hoffman
0502	DFW	Denton
0504	DFW	Greenville
0510	DFW	
0804	Dry Valley	Conda
0805	Dry Valley	
0326	Duncan	
0646	Eagle Pass	
0947	El Centro	
0781	Elko	
0782	Elko	Sierra Pacific
0325	Enid	
0618	Ennis	
0148	Estherville	
0187	Estherville	Hartley
0615	Eureka	
0616	Eureka	Katy

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0265	Evanston	
0266	Evanston	Stauffer
0267	Evanston	Solvay
0268	Evanston	General Chemical
0269	Evanston	Texas Gulf Soda
0135	Fairmont	
0136	Fairmont	Lake Mills
0137	Fairmont	Trimont
0798	Fallon	
0225	Falls City	
0226	Falls City	St. Joseph
0227	Falls City	Atchison
0228	Falls City	Norkan
0229	Falls City	Gilmore
0230	Falls City	Omaha Belt
0231	Falls City	Weeping Water
0232	Falls City	Lincoln
0632	Flatonia	
0633	Flatonia	Giddings
0934	Fresno	Oakdale
0935	Fresno	Woodbridge
0937	Fresno	Placerville
0938	Fresno	
0977	Fresno	Mather
0978	Fresno	Merced
0979	Fresno	Madera
0713	Ft. Collins	
0714	Ft. Collins	Boettcher
0138	Ft. Dodge	
0139	Ft. Dodge	Kanawha
0140	Ft. Dodge	Dows
0141	Ft. Dodge	Ft. Dodge
0142	Ft. Dodge	Gypsum
0143	Ft. Dodge	Celotex
0144	Ft. Dodge	Somers
0537	Ft. Worth	
0575	Galveston	
0576	Galveston	Fondren
0577	Galveston	Texas City

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0001	Geneva	
0003	Geneva	Cragin
0004	Geneva	St. Charles
0005	Geneva	Barber-Creene
0006	Geneva	Dixon River
0215	Gerald Gentleman	
0675	Gila	
0676	Gila	Somerton
0727	Glenwood Springs	
0587	Glidden	Columbia Tap
0625	Glidden	
0626	Glidden	Stella Cut-Off
0627	Glidden	Popp
0628	Glidden	HL&P Coal
0629	Glidden	Sugarland
0635	Glidden	Arenal
0636	Glidden	Altair
0162	Granville	
0865	Grays Harbor	
0866	Grays Harbor	Raisch
0867	Grays Harbor	Cosmopolis
0710	Greeley	
0711	Greeley	Monfort
0712	Greeley	Boulder
0735	Green River	
0736	Green River	Castle Valley
0413	Gurdon	
0414	Gurdon	Monsanto-EI Dorado
0224	Hallam	
0185	Hartland	
0163	Harvard	
0164	Harvard	Weber
0165	Harvard	Chemung
0166	Harvard	State Line
0167	Harvard	Beloit
0168	Harvard	Janesville

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0580	HBT East Belt	
0582	HBT East Belt	Settegast
0583	HBT East Belt	Glass
0584	HBT East Belt	Booth
0569	HBT West Belt	Houston-MKT
0585	HBT West Belt	
0586	HBT West Belt	Freight
0588	HBT West Belt	North Tap Lead
0527	Hearne	
0433	Helena	
0525	Henderson	
0316	Herington	
0317	Herington	Hope
0304	Hiawatha	
0954	Hollister	
0400	Hoxie	
0401	Hoxie	DK&S
0402	Hoxie	Jacksonville AFB
0403	Hoxie	Junction Bridge
0808	Huntington	Stoddard
0810	Huntington	
0811	Huntington	Idaho Northern
0813	Huntington	Homedale
0814	Huntington	New Meadows
0936	Ione	
0065	Jefferson City	
0066	Jefferson City	Lake
0067	Jefferson City	Kirkwood
0068	Jefferson City	Labadie
0071	Jefferson City	Bagnell
0129	Jewell	
0130	Jewell	Eagle Grove
0131	Jewell	Ellsworth
0132	Jewell	Luverne
0025	Joliet	
0026	Joliet	Kerrick
0027	Joliet	Pontiac
0436	Jonesboro	Paragould
0440	Jonesboro	
0441	Jonesboro	Baldwin

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0442	Jonesboro	Stuttgart
0717	Julesburg	
0300	Kansas	
0301	Kansas	North Topeka
0302	Kansas	Jeffrey
0303	Kansas	Vliets
0090	KC Terminal	River
0091	KC Terminal	Sheep Jump
0092	KC Terminal	Neff Yard
0093	KC Terminal	Marysville
0094	KC Terminal	Falls City
0095	KC Terminal	Coffeyville
0096	KC Terminal	Armourdale
0097	KC Terminal	Cypress
0098	KC Terminal	Fairfax
0099	KC Terminal	Glen Park
0210	Kearney	
0211	Kearney	River
0212	Kearney	Kearney
0002	Kenosha	Sun Times-Low Line
0010	Kenosha	
0011	Kenosha	Farm
0155	Kenosha	National Ave.
0641	Kerrville	
0145	Klemme	
0547	Kosmos	
0548	Kosmos	Kosmos
0987	La Habra	
0988	La Habra	Brea Chemical
0989	La Habra	Fullerton
0594	Lafayette	Rosebluff
0595	Lafayette	
0596	Lafayette	Deridder
0597	Lafayette	DPC
0598	Lafayette	Bobsher
0599	Lafayette	Sabine
0600	Lafayette	Lake Arthur
0601	Lafayette	Chaison
0602	Lafayette	Sheldon
0603	Lafayette	Port Arthur

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0837	Lagrande	
0838	Lagrande	Pilot Rock
0839	Lagrande	Joseph
0871	Lagrande	Umatilla
0012	Lake	
0475	Lake Charles	
0476	Lake Charles	Harbor
0477	Lake Charles	Lake Charles
0478	Lake Charles	Gosspport
0794	Lakeside	Utah
0796	Lakeside	
0255	Laramie	
0256	Laramie	Borie Cut-off
0257	Laramie	Ramsey
0258	Laramie	Medicine Bow
0533	Laredo	
0150	Laurens	
0151	Laurens	Royal
0327	Lawton	
0715	Limon	
0216	Lincoln	
0217	Lincoln	Jamaica
0405	Little Rock	
0406	Little Rock	Pulaski
0407	Little Rock	Rock St.
0408	Little Rock	N.L.R.
0409	Little Rock	M&ET
0410	Little Rock	SW Electric
0417	Little Rock	Bohnam
0455	Livonia	
0456	Livonia	Thibodeaux
0461	Livonia	Hercules
0462	Livonia	Sid Richardson
0463	Livonia	Peters Road
0570	Lockhart	
0942	Lone Pine	
0678	Lordsburg	
0679	Lordsburg	Arizona Electric Power
0965	Los Angeles	
0968	Los Angeles	Dixon

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CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0969	Los Angeles	Rohr
0970	Los Angeles	Crestmore
0973	Los Nietos	Paramount
0990	Los Nietos	
0991	Los Nietos	Santa Ana
0992	Los Nietos	Tustin
0993	Los Nietos	Stanton
0997	Los Nietos	East Long Beach
0995	Los Nietos	Long Beach
0996	Los Nietos	Dolores
0320	Lost Springs	
0609	Lufkin	Nacogdoches
0612	Lufkin	
0613	Lufkin	Bonita
0775	Lynndyl	
0776	Lynndyl	IPP
0777	Lynndyl	Twin Mountain
0778	Lynndyl	Salt Lake Passenger
0061	Macarther Bridge	
0022	Madison	
0754	Malad	
0190	Mankato	
0193	Mankato	Chaska
0194	Mankato	DME Mankato
0196	Mankato	NSP
0056	Marion	
0057	Marion	Freeman
0058	Marion	Joppa
0910	Martinez	
0911	Martinez	Richmond Transfer
0912	Martinez	San Pablo
0913	Martinez	Benicia #1
0914	Martinez	Benicia #2
0915	Martinez	Woodland
0916	Martinez	Holland
0971	Martinez	Davis
0219	Marysville	Marietta
0220	Marysville	
0221	Marysville	Hanover
0222	Marysville	Hastings Utility
0223	Marysville	Hansen

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0110	Mason City	
0112	Mason City	Bondurant
0113	Mason City	Swanwood
0114	Mason City	Alden
0115	Mason City	Rockwell
0116	Mason City	Thornton
0425	McGehee	
0426	McGehee	Cypress Bend
0427	McGehee	Bastrop
0451	McGehee	Monroe City
0013	McHenry	
0014	McHenry	Crystal Lake
0323	McPherson	
0324	McPherson	Whitewater
0769	Mead Lake	
0430	Memphis	
0431	Memphis	President's Island
0432	Memphis	North Memphis
0434	Memphis	Georgia St.
0619	Midlothian	
0901	Milpitas	
0902	Milpitas	San Jose
0152	Milwaukee	
0153	Milwaukee	Seeger Wye
0154	Milwaukee	Skokie
0156	Milwaukee	Waukesha
0797	Mina	
0921	Modoc	
0716	Moffat Tunnel	Denver Stock Yard
0718	Moffat Tunnel	GWA
0719	Moffat Tunnel	
0720	Moffat Tunnel	East Denver Belt
0721	Moffat Tunnel	Rocky Flats
0940	Mojave	
0941	Mojave	Oak Creek
0450	Monroe	
0452	Monroe	Camp Beauregard
0820	Montana	
0195	Montgomery	
0047	Mt. Vernon	

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0048	Mt. Vernon	Salem
0807	Nampa	
0411	Nashville	
0412	Nashville	Hope
0532	Navasota	Bryan
0536	Navasota	
0795	Nevada	
0443	New Madrid	
0922	Niles	
0923	Niles	Newark
0949	Niles	Alameda
0683	Nogales	
0691	Nogales	American Smelting
0692	Nogales	AS&R Pima
0693	Nogales	Anamax Mine
0694	Nogales	Cyprus Mine
0730	North Fork	
0731	North Fork	Montrose
0213	North Platte Terminal	
0900	Oakland	
0932	Oakland	Oakland Harbor
0957	Oakland	Stonehurst
0750	Ogden	
0751	Ogden	Little Mountain
0756	Ogden	Promontory
0328	Oklahoma City	
0329	Oklahoma City	El Reno
0200	Omaha	
0201	Omaha	North Omaha-OPPD
0202	Omaha	Millard
0240	Orin	
0241	Orin	Caballo Mine
0242	Orin	Belle Ayr Mine
0243	Orin	Caballos Rojo Mine
0244	Orin	Cordero Mine
0245	Orin	Coal Creek Mine
0246	Orin	Reno
0247	Orin	Jacobs Ranch Mine
0248	Orin	Black Thunder Mine
0249	Orin	Rochelle Mine

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CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0250	Orin	North Antelope Mine
0251	Orin	Antelope Mine
0108	Oskaloosa	
0109	Oskaloosa	Oskaloosa
0520	Palestine	
0521	Palestine	Le Tourneau
0522	Palestine	Texas Eastman
0523	Palestine	Tyler
0524	Palestine	Hunsville
0044	Pana	
0330	Parsons	
0085	Pea Ridge	
0019	Peoria	
0020	Peoria Elm	
0021	Peoria	Peoria Terminal
0028	Pequot	
0111	Perry	Bell Ave.
0124	Perry	
0125	Perry	West Des Moines
0197	Perry	Nesbit
0198	Perry	Hollingsworth
0685	Phoenix	
0686	Phoenix	Litchfield
0687	Phoenix	Tempe
0688	Phoenix	Chandler
0049	Pinckneyville	
0050	Pinckneyville	Burning Star #2
0051	Pinckneyville	Burning Star #4
0052	Pinckneyville	Captain Mine
0053	Pinckneyville	Orient Mine #6
0054	Pinckneyville	JSW
0437	Pine Bluff	International Paper
0438	Pine Bluff	Gifford Hill
0439	Pine Bluff	Koppers
0447	Pine Bluff	
0448	Pine Bluff	Dowco
0449	Pine Bluff	Redwater
0311	Plainville	
0312	Plainville	Colby
0746	Pleasant Valley	
0800	Pocatello	

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CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0801	Pocatello	Exxon
0802	Pocatello	Cumberland
0803	Pocatello	Elkol
0637	Port Lavaca	
0830	Portland	
0831	Portland	Heppner
0832	Portland	Carty
0833	Portland	Kenton Line
0861	Portland	St. Johns
0234	Powder River	Crandall
0236	Powder River	
0318	Pratt	
0732	Provo	Goshen Valley
0733	Provo	Iron King
0739	Provo	Salt Lake Ind. Center
0740	Provo	
0741	Provo	Tintic
0742	Provo	Bingham
0743	Provo	Garfield
0744	Provo	Midvale
0745	Provo	Sugar House
0758	Provo	Provo
0759	Provo	Bacchus
0149	Rake	
0260	Rawlins	
0261	Rawlins	South Pass
0262	Rawlins	Reliance
0263	Rawlins	Jim Bridger
0264	Rawlins	Chevron
0270	Rawlins	Sweetwater #1
0464	Reisor	England Air Park
0465	Reisor	
0466	Reisor	Red River
0467	Reisor	Bayou Pierre
0468	Reisor	Dolet Hills
0469	Reisor	Shreveport
0470	Reisor	Good Roads
0471	Reisor	Douglas Isle
0783	Reno	
0784	Reno	North Reno
0877	Riparia	

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CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0075	River	
0076	River	Marshall
0077	River	Lexington
0644	Rockport	
0645	Rockport	JT Deely
0008	Rockwell	
0917	Roseville	
0905	Sacramento	
0906	Sacramento	Pearson
0907	Sacramento	Yuba City
0046	Salem	
0306	Salina	
0307	Salina	Sid
0309	Salina	Trigo
0734	Salt Lake	Woods Cross
0747	Salt Lake	
0748	Salt Lake	Syracuse
0749	Salt Lake	Hill Field
0752	Salt Lake	Evona
0753	Salt Lake	Sugar Works
0928	San Francisco	
0929	San Francisco	Redwood Jct.
0930	San Francisco	S. San Francisco
0931	San Francisco	Redwood Harbor
0933	San Francisco	Carrol Street
0939	San Francisco	Quint Street
0948	San Francisco	Mission Bay
0972	San Pedro	
0974	San Pedro	Lakewood
0647	Sanderson	
0958	Santa Barbara	
0959	Santa Barbara	White Hills
0960	Santa Barbara	Montalvo
0955	Santa Cruz	
0546	Santa Rosa	
0549	Santa Rosa	Santa Rosa
0821	Scoville	
0860	Seattle	
0862	Seattle	South Rivergate
0863	Seattle	Olympia
0864	Seattle	Sumner

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CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0070	Sedalia	
0072	Sedalia	Campbell
0073	Sedalia	Pixley
0785	Shafter	
0786	Shafter	Marblehead
0787	Shafter	Rowley
0788	Shafter	Ellerbeck
0789	Shafter	Dolomite
0790	Shafter	Warner
0310	Sharon Springs	
0757	Sharp	
0157	Shoreline	
0158	Shoreline	Capital Drive
0159	Shoreline	Edgewater
0160	Shoreline	Kohler
0161	Shoreline	Sheboygan Old Man
0453	Shreveport	
0235	Sidney	
0517	Sierra Blanca	
0404	Sikeston	
0119	Sioux City	
0120	Sioux City	Sgt. Bluffs
0121	Sioux City	Wickham
0122	Sioux City	Dakota City
0567	Smithville	
0568	Smithville	LCRA
0214	South Morrill	
0055	Sparta	
0880	Spokane	
0883	Spokane	Coeur d'Alene
0029	Springfield	
0030	Springfield	Havana
0031	Springfield	Airline
0032	Springfield	Alton
0033	Springfield	Tolson
0087	Ste. Genevieve	
0088	Ste. Genevieve	Crystal City
0089	Ste. Genevieve	Mosher

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0620	Strang	
0621	Strang	Semmes
0622	Strang	Clinton
0623	Strang	Barbour's Cut
0624	Strang	Bayport
0650	Strang	Velsicol
0651	Strang	Dixie Chemical
0652	Strang	Arco
0653	Strang	Himont
0654	Strang	Dart
0655	Strang	Navigation
0656	Strang	Petrolite
0657	Strang	FMC
0658	Strang	Wilchem
0659	Strang	Celanese
0660	Strang	Dupont
0738	Sunnyside	
0133	Tara	
0134	Tara	Farnhamville
0705	Tennessee Pass	
0706	Tennessee Pass	Pueblo
0707	Tennessee Pass	Leadville
0604	Terminal	East Loop Park
0605	Terminal	
0606	Terminal	Passenger Line
0607	Terminal	Bell
0903	Tidewater Southern	
0904	Tidewater Southern	Chemurgic
0315	Topeka	
0515	Toyah	
0924	Tracy	
0925	Tracy	Avon
0926	Tracy	Port Chicago
0927	Tracy	Owens-Illinois
0078	Trenton	
0024	Troy Grove	
0682	Tucumcari	
0360	Tulsa	
0361	Tulsa	Jenks
0639	Valentine	Meridian Aggregates

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CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0648	Valentine	
0649	Valentine	El Paso
0895	Valley	Beale AFB
0918	Valley	
0919	Valley	Sterling City
0415	Van Buren	
0416	Van Buren	Camp Robinson
0040	Villa Grove	
0041	Villa Grove	Chicago Heights
0042	Villa Grove	Cissna Park
0043	Villa Grove	Westville
0565	Waco	
0566	Waco	Gatesville
0345	Wagoner	
0346	Wagoner	Black Fox
0347	Wagoner	Ft. Gibson
0884	Wallace	
0885	Wallace	Fairfield
0953	Warm Springs	
0963	Warm Springs	Granite Rock
0964	Warm Springs	North San Jose
0631	Wharton	
0420	White Bluff	
0421	White Bluff	Carlisle
0422	White Bluff	Hot Springs
0423	White Bluff	White Bluffs
0321	Wichita	
0322	Wichita	Hutchinson
0365	Wichita	Arkansas City
0366	Wichita	Winfield
0980	Wilmington	
0981	Wilmington	Santa Monica
0982	Wilmington	El Segundo
0983	Wilmington	Torrance
0779	Winnemucca	
0780	Winnemucca	Loyalton
0176	Winona	
0177	Winona	LaCrosse

CODE	SUBDIVISIONS	INDUSTRIAL LEADS
0123	Worthington	
0186	Worthington	Sibley
0172	Wyeville	
0173	Wyeville	Camp Douglas
0435	Wynne	
0238	Yoder	
0239	Yoder	South Torrington
0943	Yuma	
0944	Yuma	Riverside

APPENDIX 4  
FOREIGN ROAD SUBDIVISION CODES

CODE	SUBDIVISIONS	RAILROAD
8871	American Lake	BNSF
8320	Arkansas City	BNSF
8013	Ashland Ave.	CR
8702	Aspen	RFRX
8460	Avondale	BNSF
8904	Azusa	SCAX
8354	Barnsdall	SEKR
8313	Belle Plaine	BNSF
8150	Beloit	CP/SOO
8303	Bestwall	NEKM
8900	Bieber	BNSF
8664	Boise City	BNSF
8008	Brookfield	BNSF
8902	Burbank	SCAX
8466	Cabot	LDRR
8951	Cajon	BNSF
8054	Cape Girardeau	SE
8403	Carlisle	AKMD
8355	Carrollton	FWW-DART-DGNO
8516	Carswell AFB	INDU
8202	Capser	BNSF
8051	Chaffee	BNSF
8903	Chatsworth	SCAX
8006	Chicago	BNSF
8011	Chillicothe	BNSF
8450	Church Point	AKDN
8250	Coalmont	WYCO
8304	Coffeyville Belt	SEKR
8310	Conway Springs	KSW
8833	Coos Bay	CORP
8200	Crawford	DME
8350	Creek	BNSF
8451	Crowley	AKDN
8507	Crystal City	MSS
8467	Cypremort	LDRR
8661	Dalhart	BNSF
8003	Danville	CSX
8052	Delta	GCRC

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CODE	SUBDIVISIONS	RAILROAD
8700	Dent	INDU
8312	Douglas	BNSF
8195	Eagle Mills	SSAM
8808	East Belt	EIRR
8911	East Redbanks	SJVR
8005	Eastern	EJE
8194	Empire Mine	SSAM
8311	Emporia	BNSF
8251	Encampment	WYCO
8190	Escanaba	SSAM
8751	Fibreboard	Industry
8010	Ft. Scott	BNSF
8322	Ft. Worth	BNSF
8351	Galena	BNSF
8509	Galveston	BNSF
8810	Goshen	EIRR
8504	Granger	GRR
8813	Grangeville	CSP
8513	Greenville	DART-DGNO
8009	Hannibal	BNSF
8307	Hardtner	KSW
8156	Hayward	WC
8511	HBT Airline	BNSF
8401	Helena	AKMD
8662	Hereford	BNSF
8908	Holland	YSLR
8874	Horne	BNSF
8404	Hot Springs	AKMD
8468	Houma	LDRR
8352	Howe	AOK
8305	Humboldt	SKOL
8306	Hutchinson	KSW
8809	Idaho Northern	INPR
8014	IHB Main Line	IHB
8001	Illinois Transfer	TRRA
8191	Iron Mountain	SSAM
8153	Itasca	WC
8309	Iuka	KSW
8050	KCTerminal	KCT
8814	Kooskia	CSP
8461	Lafayette	BNSF

CODE	SUBDIVISIONS	RAILROAD
8315	LaJunta	BNSF
8452	Lake Providence	DSRR
8950	LAUPT	SCAX
8004	Leahy Mine	ICG
8812	Lewiston	CSP
8872	Longview Switch	BNSF
8101	Manley	IANR
8012	Marcelline	BNSF
8007	Mendota	BNSF
8002	Merchants	TRRA
8471	Midland	LDRR
8353	Midland Valley	SUN
8901	Mojave	BNSF
8876	Moscow	BLMR
8830	Mt. Hood	MH
8518	Mykawa	BNSF
8469	Napoleanville	LDRR
8152	Nekoosa	WC
8811	New Meadows	INPR
8454	New Orleans	NOPB
8455	New Orleans Terminal	NOT
8193	Niagara	SSAM
8453	NO&LC	NOLR
8405	Norman	AKMD
8873	North Riverage	BNSF
8500	North Shore	PTRA
8800	North Side	EIRR
8909	Oakland Terminal Association	
8801	Oakley	EIRR
8831	Oregon Eastern	OCE
8192	Palmer	SSAM
8502	Pasadena	PTRA
8816	Payette	INPR
8817	Pend Oreville	BNSF
8406	Pike City	AKMD
8301	Pittsburg	SEKR
8663	Plainview	BNS
8877	Pleasant Valley	BLMR
9317	Pueblo	BNSF
8456	Race St.	NOPB

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CODE	SUBDIVISIONS	RAILROAD
8802	Raft River	EIRR
8201	Rapid City	DME
8666	Raton	BNSF
8660	Red River Valley	BNSF
8321	Red Rock	BNSF
8815	Revling	CSP
8508	Rio Hondo	RVRR
8913	River	SCAX
8517	Rockland	BNSF
8102	Rosemount	CP
8157	Rothschild	WC
8470	Salt Mine	LDRR
8912	San Gabriel	SCAX
8879	Seattle	BNSF
8515	Sherman	BNSF
8151	Shoreline	FRVR
8832	Siskiyou	CORP
8501	South Shore	PTRA
8665	Spanish Peaks	BNSF
8053	Springfield	BNSF
8807	St. Anthony	EIRR
8316	St. Louis	STAT
8308	Stafford	KSW
8914	State Street	SCAX
8449	Sterlington	DSRR
8300	Strong City	BNSF
8180	Superior	BNSF
8505	Sweetwater	BNSF
8875	Tekoa	BLMR
8806	Teton Valley	EIRR
8667	Texas City Terminal	TCT
8650	T-NM	
8314	Topeka	BNSF
8181	Twin Cities Terminal	BNSF
8803	Twin Falls	EIRR
8752	Utah Railway	UTAH
8750	Utah Transit Authority	
8905	Valley	SCAX
8870	Vancouver	BNSF
8906	Ventura	SCAX
8910	Visalia Electric	SJVR

CODE	SUBDIVISIONS	RAILROAD
8155	Wausau	WC
8512	Waxahachie	BNSF
8804	West Belt	EIRR
8402	West Helena	AKMD
8400	West Memphis	BNSF
8834	White City	CORP
8510	Wichita Falls	BNSF
8154	Wisconsin Rapids	WC
8506	WMW&NW	WMWN
8907	Woodland	YSLR
8878	Yakima	WCRC
8805	Yellowstone	EIRR
8465	Youngville	LDRR

APPENDIX 5  
LEASSED LINES SUBDIVISION CODES

CODE	SUBDIVISIONS	RAILROAD
7511	A&S	LSRR
7201	Albion	NCRC
8462	Alexandria	LDRR
7053	Atlas	MNA
7457	Avoyelles	LA
7843	Bailey	WPRR
7300	Bartlesville	SEKR
7802	Boise	INPR
7804	Boise Ld	INPR
7500	Bonham	TNER
7515	Brookhollow	DGNO
7830	Butte	BNSF
7909	Buttonwillow	SJVR
7906	California Northern	CFNR
7051	Carthage	MNA
7302	Cawker City	KYLE
7202	Cedar Rapids	NCRC
7131	Central Soya	WSRC
7056	Clinton	MNA
7301	Concordia	KYLE
7841	Coos Bay	CORP

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CODE	SUBDIVISIONS	RAILROAD
7132	Cottage Grove	WSRC
7855	Dallas	WPRR
7352	Dal-Nor	DGNO
7880	Dayton	BLMR
7512	Denton	DGNO
7508	East Dallas	DGNO
7400	Ft. Smith	FSR
7844	Geer	WPRR
7303	Glen Elder	KYLE
7502	Greenville	DGNO
7907	Hamilton	CFNR
7130	Harvard	WSRC
7507	Harwood	INDU
7505	Hidalgo	RVRR
7312	Hoisington	CKRY
7450	Huttig	DSRR
7800	Idaho Northern	INPR
7842	Joseph	INPR
7002	Lackland	LWRR
7057	Ladue	MNA
7304	Lenora	KYLE
7313	Lindsborg	CKRY
8463	Lockport	LDRR
7451	Magnolia	LNW
7311	McPherson	CKRY
7351	Midland Valley	CKRY
7845	Mill City	WPRR
7509	Mission	RVRR
7846	Molalla	WPRR
7001	Monterrey Mine	NS
7904	Napa	CFNR
7847	Newburg	WPRR
7200	Norfolk	NCRC
7205	Nucor	NCRC
7203	Ord	NCRC
7054	Oronogo	MNA
7401	Paris	FSR
7801	Payette	INPR
7506	Port Brownsville	BRG
7910	Riverdale	CFNR
7503	Safeway	DGNO

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CODE	SUBDIVISIONS	RAILROAD
7914	San Rafael	CFNR
7514	Santa Rosa	RVRR
7901	Schellville	CFNR
7848	Seghers	WPRR
7513	Sherman	DGNO
7501	Sherman	TNER
7305	Solomon	KYLE
7905	Sonoma	CFNR
8464	St. Martinsville	LDRR
7849	Stayton	WPRR
7204	Stromsburg	NCRC
7908	Sugarfield	CFNR
7911	Sunset Railway	SJVR
7913	Susanville	QRR
7850	Tillamook	WPRR
7851	Toledo	WPRR
7510	Trenton	TNER
7902	Vallejo	CFNR
7055	Wallis	MNA
7881	Wallula	BLMR
7402	Warren	DSRR
7350	Waurika	WTJR
7052	Webb City	MNA
7852	West Side	WPRR
7912	West Side Line	CFNR
7853	West Stayton	WPRR
7504	Western	WTJR
7803	Wilder	INPR
7854	Willamina	WPRR
7903	Willits	CFNR

APPENDIX 6  
 MAINTENANCE OPERATIONS

<b>Car Shops</b>	<b>Alpha Code</b>
ALB CAR	GJ
ARL CAR	JA
AVN CAR	YP
CAR STAFF	GX
CBL CAR	GM
CHY CAR	GL
DEN CAR	YM
DES CAR	GI
DES CAR SHP	DE
DOL IMDL	YL
DUP IMDL	YK
EAST TEXAS CAR	JF
EGU CAR	YJ
ELP CAR	YC
FTW CAR	JW
GRNDJCT CAR	GZ
GRV CAR	GK
HKL CAR	JQ
HOUSTON CAR	JU
IMDLCAR	YS
KCT CAR	JT
LA CAR/IMDL	GE
LA/LB CAR	YF
LBR CAR	YB
LIV CAR	JG
MNN CAR	JD
NLR CAR	JV
NOP CAR	JS
OGD CAR	JP
OKL CAR	YI
OMA CAR SHP	OS
PAL CAR SHP	PA
PFE CAR	YR
POC CAR SHP	PS
POC RD CAR	JR
POC WHL SHP	YQ
PRO CAR	GH
RSV CAR	YH

**Car Shops**

SAN CAR  
 SLC CAR  
 SMR CAR  
 ST. LOUIS CAR  
 STK/RSV CAR  
 TSC CAR  
 UPFE  
 WCL CAR  
 WICHITA CAR  
 YCT CAR  
 YRM CAR

**Alpha Code**

JB  
 JO  
 YO  
 JJ  
 GG  
 YD  
 JZ  
 YG  
 JC  
 JK  
 GV

**Locomotive Shops**

C. BLUFFS SU LOCO  
 DENVER LOCO  
 DENVER SU LOCO  
 DOLTON LOCO  
 ELP LOCO  
 FTW LOCO  
 HKL LOCO  
 HOU LOCO  
 HOUSTON SU LOCO  
 KANSAS CITY SU LOCO  
 LA SU LOCO  
 LA TAYLOR LOCO  
 LIVONIA SU LOCO  
 N. PLATTE SU LOCO  
 NLR REBUILD  
 NOP LOCO  
 NLR RAMP/S'TRK  
 PBF LOCO  
 PORTLAND SU LOCO  
 PRO LOCO  
 ROSEVILLE SU LOCO  
 RSV LOCO  
 SALT LAKE SU LOCO  
 SAN ANTONIO SU LOCO  
 ST. LOUIS SU LOCO  
 UTAH SU LOCO  
 WCL LOCO

**Alpha Code**

XI  
 XH  
 XJ  
 GY  
 XA  
 FS  
 GO  
 HU  
 YN  
 KY  
 LS  
 XD  
 YE  
 XG  
 JE  
 NS  
 XF  
 XE  
 HS  
 GF  
 SS  
 XB  
 US  
 JH  
 JI  
 PO  
 XC

APPENDIX 7  
TSOSTL - OPTION 2.3  
FTX REPORTS

SELECT OPTION:  
1 PERCENT OF TESTS BY TIME  
2 PERCENT OF TESTS BY DAY  
3 COUNT OF EMPLOYEES BY OCCP  
4 EMPL HISTORY DETAIL BY SSN  
5 EFFICIENCY TEST DAILY REPORT  
6 SUMMARY BY SUBDIVIN & MILE POST  
7 FOREIGN ROAD TESTS  
8 EMPLOYEES NOT TESTED  
9 DETAIL OF TESTS BY TESTER  
10 DETAIL BY TEST TYPE  
11 SUMMARY BY TEST TYPE  
12 FRA REPORT SUMMARY BY SERV UNIT  
13 FRA REPORT SUMMARY SYSTEM  
14 RATING OF SERV UNITS & REGIONS  
14B MONTHLY SNAPSHOT OF RATINGS  
15 EMPL HAVING SEL NUM OF FAILURES  
16 PERCENT PROFICIENT BY SERV UNIT  
17 SRV UNIT/VAR CNTS & CATEGORIES  
17B MGRS/VAR CNTS & CATEGORIES  
18 ASSISTS BY SUPT, DRO, DTO  
18B ASSISTING MANAGER TESTS  
19 SUMMARY OF TESTS BY EMPLOYEE  
20 EMPL DELETED FROM NOT TESTED  
20B ALL EMPL DELETED FROM NOT TESTED  
21 SUMMARY BY TESTER PER MONTH  
21B SERV UNIT OR MGR SCORECARD  
22 ALL TEST TYPES CLAIMED  
22B CARDINAL OR RULES BY TESTER  
23 ASST MANAGERS ACROSS MOS  
24 SUMMARY BY TRAIN ID  
25 LIST OF MOPS  
26 MOP LAST STOP TEST  
27 NEW EMPLOYEES  
28 NEW EMPLOYEES NOT TESTED  
29 TESTS & RULES BY SERVICE UNIT  
29B MATCH WITH DERAILEMENT GROUPS  
29C MATCH WITH PI GROUPS

30      SELECTED # HIGHEST RULE  
          VIOLATIONS  
31      ACT2 & SELECTED DAYS FOLLOW UP  
32      COUNT OF TRN TYPE BY SERV UNIT  
33      EXTRA CREDIT TESTS  
34      COUNTS BY REGION & SERV UNIT  
F      FUEL CONSERVATION REPORTS  
P      PAL CONTACTS  
Q      QUALITY REPORTS  
S      SAFETY CONTACTS  
S      SAFETY CONT, P PAL CONT,Q QUAL  
          RPTS  
X      OR PF3 EXIT

SAFETY CONTACT REPORTS

Select Option:

1 Detail Of Contacts By Manager  
2 Detail Of Contacts By Employee  
3 Summary Of Contacts By Manager  
4 Count Of Contacts By Service Unit  
5 Employees Without A Safety Contact Within The  
Last Selected # Of Days  
X To Return To Previous Menu

FUEL CONSERVATION TEST REPORTS

Select Option:

1 Percent Of Tests By Time  
2 Percent Of Tests By Day  
3 Fuel Test Daily Report  
4 Events By Subdivn & Mile Post  
5 Detail By Date & Train Symbol  
6 Counts By Rule & Tester Name  
7 Empl Having Sel Num Of Failures  
8 Detail By Manager With Comments  
9 Detail By Employee With Comments  
10 Counts By Rule & Service Unit  
11 Emp History Detail By Ssn  
12 Employes Failing Tests  
X Return To Previous Menu

PAL PROGRAM CONTACT REPORTS

Select Option:

- 1 Detail Of Contacts By Manager
- 2 Detail Of Contacts By Employee
- 3 Summary Of Contacts By Manager
- 4 Counts Of Contacts By Current Pal Employees
- 5 Counts Of Contacts By Date Range
- X To Return To Previous Menu

QUALITY CHECK REPORTS

Select Option:

- 1 Detail Of Checks By Manager
- 2 Detail Of Checks By Employee
- 3 Summary Of Checks By Manager
- X To Return To Previous Menu

Appendix 8  
TCS FTX INPUT SCREEN

```

00555
JB TEST CREW DATA                                03/10 10:34 C
TESTOR SS#: 123456789    TESTOR NAME: PJ STUDENT
ASSISTING OFFICER SS#:
ASSISTING OFFICER NAME:
DATE:          TIME:          SUBDIV:          MP:          SAFETY:          FUEL:          QUAL:
VISIBILITY:    DAWN          DAY          DUSK          DARK          JOINT:          STRUCTURED:
WEATHER:       CLEAR         CLOUDY      FOG           RAIN          SNOW           SLEET
GENERAL TESTS:
TST  RUL          ACT  TST  RUL          DPU(Y/N):          RCL(Y/N):
TST  RUL          ACT  TST  RUL          ACT
TST  RUL          ACT  TST  RUL          ACT
'X' IF GEN TESTS OR SAFETY/QUALITY CONTACT APPLY TO ALL
001          TST  RUL          ACT  FTX
002          TST  RUL          ACT  FTX
003          TST  RUL          ACT  FTX
004          TST  RUL          ACT  FTX
005          TST  RUL          ACT  FTX
006          TST  RUL          ACT  FTX
EXPLAIN ACT 2/3 OR SAFETY/QUAL

PR          FGN RD:
LOC          JOB          DATE          INDEX          RIDE EVL          TAPE EVL          TEST
C-?? P-??
03/42
  
```

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